

***F.V. Columbia* Gulf of Alaska Salmon Survey, October 7 - November 10, 1995**

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2002

Canadian Data Report of Fisheries and Aquatic Sciences 1099



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Fisheries and Aquatic Sciences 1099

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F.V. COLUMBIA GULF OF ALASKA SALMON SURVEY,
OCTOBER 7 - NOVEMBER 10, 1995

by

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Cat. No. Fs 97-13/1099E ISSN 0706-6465

Correct citation for this publication:

Welch, D. W., J. F. T. Morris, E. Demers, and B. L. Wing. 2002. *F.V. Columbia* Gulf of Alaska salmon survey, October 7 - November 10, 1995. Can. Data Rep. Fish. Aquat. Sci. 1099: 112 p.

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ABSTRACT

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From October 7 to November 10, 1995, the Department of Fisheries and Oceans and the US National Marine Fisheries Service (NMFS) chartered the *F.V. Columbia*, a US commercial dragger, to conduct a Pacific salmon (*Oncorhynchus spp.*) survey in the Gulf of Alaska. The main objectives of the surveys were to (1) evaluate the distribution and ecology of juvenile Pacific salmon during their first year in the ocean, (2) describe the ambient oceanographic conditions, and (3) quantify the biomass of zooplankton, an important prey for Pacific salmon at sea. During this survey, a total of 68 fishing stations, 36 oceanographic stations and 20 zooplankton stations were completed along transects on the continental shelf off Southeast Alaska, and offshore spanning latitudes of 45 to 56°N and longitudes of 130 to 145°W.

A total of 3,582 Pacific salmon were caught during the fall 1995 survey. Of these, 2,239 were juvenile pink (*O. gorbuscha*), 632 were juvenile coho (*O. kisutch*) and 613 were juvenile chum (*O. keta*). Also, 35 sockeye (*O. nerka*) and 10 chinook salmon (*O. tshawytscha*) were caught. Adult fish included 53 chum salmon and 2 large chinook salmon.

Almost all juvenile pink, chum, sockeye and coho salmon were caught on the continental shelf within the 1000 m isobath. In fact, most catches (>97%) were concentrated within the 200 m isobath. A few adult chum salmon were caught beyond the continental shelf break along a transect off Cape Fairweather, Southeast Alaska. No Pacific salmon were caught at the offshore stations beyond 250 km from shore.

RESUME

Welch, D. W., J. F. T. Morris, E. Demers, and B. L. Wing. 2002. *F.V. Columbia* Gulf of Alaska salmon survey, October 7 - November 10, 1995. Can. Data Rep. Fish. Aquat. Sci. 1099: 112 p.

Le Département des Pêches et Océans et le Service National des Pêcheries Marine des États-Unis (NMFS) ont affrété le *F.V. Columbia*, un dragueur commercial américain, du 7 octobre au 10 novembre 1995, pour effectuer une étude sur les saumons du Pacifique (*Oncorhynchus spp.*) dans le Golfe de l'Alaska. Les objectifs principaux de cette étude étaient de (1) évaluer la distribution et l'écologie des saumons du Pacifique durant première année dans l'océan, (2) décrire les conditions océanographiques ambiantes, et (3) quantifier la biomasse de zooplancton, une proie importante des saumons du Pacifique dans l'océan. Durant cette étude, nous avons complété un total de 68 stations de pêche, 36 stations océanographiques, et 20 stations à zooplancton le long de transects situés sur le plateau continental du Sud-Est de l'Alaska et large de la côte entre les latitudes 45 et 56°N et les longitudes 130 et 145°O.

Un total de 3 582 saumons du Pacifique ont été capturés à l'automne 1995, dont 2 239 saumons roses juvéniles (*O. gorbuscha*), 632 saumons coho juvéniles (*O. kisutch*), et 613 saumons kétas juvéniles (*O. keta*). Nous avons aussi capturé 35 saumons rouges (*O. nerka*) et 10 saumons quinnats (*O. tshawytscha*). Parmi les poissons adultes, nous avons capturé 53 saumons kétas et 2 grands saumons quinnats.

Presque tous les saumons roses, kétas, rouges et quinnats juvéniles ont été capturés sur le plateau continental en deçà de l'isobathe de 1000 m. En fait, la plupart des captures (>97%) étaient concentrées en deçà de l'isobathe de 200 m. Quelques saumons kétas adultes ont été capturés au delà du talus continental le long du transect situé à Cape Fairweather dans le Sud-Est de l'Alaska. Aucun saumon du Pacifique n'a été capturé à plus de 250 km du rivage.

INTRODUCTION

The Highseas Program of Fisheries and Oceans Canada conducted a Pacific salmon survey in the Gulf of Alaska from October 7 to November 10, 1995. The main objectives of the survey were to collect information on (1) the distribution and ecology of Pacific salmon during their ocean phase, (2) the ambient oceanographic conditions, and (3) the distribution and biomass of zooplankton. The survey design comprised fish, oceanographic and zooplankton sampling on the continental shelf along Southeast Alaska and offshore of the 1000 m isobath.

MATERIALS AND METHODS

General Survey Information

Figures 1, 2 and 3 show the fishing, oceanographic and zooplankton stations, respectively, completed by the F.V. Columbia during the Fall 1995 survey. The survey was initiated with nearshore and cross-shelf sampling between Cape Fairweather to the north and Cape Muzon to the south. A series of offshore transects were then completed spanning latitudes of 45 to 56°N and longitudes of 130 to 145°W. The survey was completed with a few stations at the edge of the continental shelf near Dall Island (Cape Muzon), Southeast Alaska. A total of 68 fishing stations, 36 oceanographic stations and 20 zooplankton stations were completed during the fall 1995 survey. A description of the stations and transects completed during the survey is included below (in the order in which they were completed):

- 1) two fishing stations on the continental shelf off Cape Spencer, Southeast Alaska;
- 2) a cross-shelf transect off Cape Fairweather with 7 fishing stations, 5 oceanographic stations and 1 zooplankton station;
- 3) a cross-shelf transect off Icy Point with 5 fishing stations and 3 oceanographic stations;
- 4) a cross-shelf transect off Cape Edgecumbe with 5 fishing stations, 2 oceanographic and 2 zooplankton stations;
- 5) a continental shelf transect off Whale Bay, Baranof Island, with 5 fishing stations, 2 oceanographic and 2 zooplankton stations;
- 6) two fishing stations, 1 oceanographic and 1 zooplankton station in Sumner Strait;
- 7) a continental shelf transect near Cape Decision, Kuiu Island, with 4 fishing stations;
- 8) three fishing stations, 1 oceanographic and 1 zooplankton station in Frederick Sound;
- 9) offshore sampling spanning latitudes of 45 to 56°N and longitudes of 135 to 145°W, including a north-south transect along the 140°W meridian (total: 21 fishing stations, 15 oceanographic stations and 9 zooplankton stations);
- 10) a offshore northeast to southwest transect off the north end of Vancouver Island, with 10 fishing stations, 4 oceanographic stations and 3 zooplankton stations; and,
- 11) a cross-shelf transect off Cape Muzon, Dall Island, with 4 fishing stations, 3 oceanographic and 1 zooplankton station.

Fishing Gear and Fishing Operations

The US National Marine Fisheries Service (NMFS) and the Department of Fisheries and Oceans chartered the *F.V. Columbia* to conduct the survey. The *F.V. Columbia* is a US commercial dragger that is 40 m in length and powered by a 1,700 H.P. model 3516 Caterpillar diesel engine.

A model 400/580 hexagonal mid-water trawl, manufactured by Cantrawl Pacific Fishing Services Ltd., Richmond, BC, was fished at stations HSC109501 to HSC109536. The trawl measured approximately 150 m in length. The trawl consisted of a front-end section of hexagonal mesh made with 3/8 in (9.5 mm) and 5/16 in (7.9 mm) Tenex rope, a tapered body made up of 64 in (163 cm), 32 in (81.3 cm), 16 in (40.6 cm), 8 in (20.3 cm) and 4 in (10.2 cm) mesh polypropylene sections, an intermediate section of 3 in (7.6 cm) mesh polypropylene, and a 1.5 in (3.8 cm) mesh knotted nylon cod-end lined with a 0.25 in (6.4 mm) mesh.

At station HSC109537, the trawl split apart from the strain of the towing and was destroyed. The *F.V. Columbia* then sailed to Bellingham, Washington, to pick up a replacement commercial trawl normally used in the pollock fishery in the Bering Sea. This Lumni mid-water trawl, model Black Hole, had a 570 ft (174 m) head-rope, and front-end meshes of 82 ft (25 m). The cod-end from the Cantrawl trawl was transferred onto this trawl. The Lumni mid-water trawl was used at stations HSC109538 to HSC109568.

Both trawls were towed at 5 kt (2.6 m s^{-1}) within 5-10 m of the surface with 6.5 m doors. Under these towing conditions, the Cantrawl model 400/580 trawl achieved a mouth opening of approximately 25m wide X 12 m deep (as measured by a Simrad 3300 net sounder mounted on the head-rope), and the Lumni mid-water trawl achieved a mouth opening of approximately 35 m wide X 15 m deep.

Oceanographic Sampling

At all oceanographic stations, CTD casts were conducted with a Seabird SBE19 portable instrument. The CTD files can be obtained from Joe Linguanti, Department of Fisheries and Oceans, Institute of Ocean Sciences, 9860 West Saanich Rd, Sidney, BC, Canada V8L 4B2. Tel: (250) 363-6586; E-mail: linguantij@dfo-mpo.gc.ca.

Zooplankton Sampling

Oblique bongo tows were conducted with two 40 cm diameter, 253 μm Nitex nets. Tows were taken from depths between 200 and 450 m, or to within 10 m of the bottom.

Zooplankton collected from the net on the non-flowmeter side were preserved in 10% formalin and taken back to NMFS Auke Bay Laboratory (Alaska) for species

classification and enumeration. Zooplankton taken from the net on the flowmeter side were sorted into three size fractions by successively sieving through 1.7, 1.0, and 0.25 mm screens. Each size fraction was weighed wet, dried at 60°C for 48 hours, re-weighed, and stored in plastic bags for future $\delta^{14}\text{C}$ and $\delta^{15}\text{N}$ isotope analyses.

RESULTS

Salmon Catch Data

Table 1 reports information on the trawl tows and a summary of salmon catches for the survey. The following information is included: station ID, transect name, sampling region, date and time in Pacific Standard Time (PST), start latitude ($^{\circ}\text{N}$) and longitude ($^{\circ}\text{W}$), bottom depth (m), tow duration (hours), speed over ground (SOG; kts), and heading ($^{\circ}\text{T}$; degrees true). Station ID numbers consisted of the Pacific Biological Station cruise designation ("HSC1095", where HS stands for High Seas and C for Columbia), followed by a consecutive tow number (e.g., "HSC109501" for the first tow of the survey). The station ID number serves as the primary key in the High Seas database that links fishing tow information with the oceanographic and zooplankton tables.

For each tow, catch totals are provided for chinook salmon ("CK") of all ages combined, and separately for juveniles and adults of chum ("CM"), coho ("CO"), pink ("PK") and sockeye salmon ("SE"). In this report, "juveniles" are defined as salmon in their first year in the ocean (age .0+), while "adults" include all older age groups (age .1+ or older). Age separation was determined based on examination of size distributions (fork length) which showed non-overlapping modes for pink, chum, sockeye and coho salmon. For chinook salmon, age separation was not possible because individual sizes overlapped between age groups. Therefore, chinook salmon catches were not divided into juveniles and adults.

A total of 3,582 Pacific salmon were caught during the Fall 1995 survey on the F.V. Columbia. Juvenile pink salmon dominated the catches (2,239). Juvenile chum salmon (613) and juvenile coho salmon (632) were also abundant. Chinook salmon and sockeye salmon were less abundant (10 and 35, respectively). Adult fish included 53 chum salmon and 2 large chinook salmon.

Spatial Distribution of Catches

Figure 4 shows the spatial distribution of chinook salmon (all ages) catches. Figures 5-9 show the spatial distribution of juvenile chum, adult chum, juvenile coho, juvenile pink and juvenile sockeye salmon catches, respectively.

Chinook salmon were caught in low numbers on the continental shelf and in Frederick Sound. The two larger individuals were caught in Frederick Sound.

Juvenile chum salmon were confined to the continental shelf stations, and no individuals were caught in Frederick Sound, Sumner Strait or offshore. The highest catches were taken at the Cape Muzon transect. Almost all juvenile chum salmon (99%) were caught on the shelf within the 1,000 m isobath.

The adult chum salmon catches were taken at the northern cross-shelf transects (Cape Fairweather, Cape Edgecumbe and Whale Bay). The largest catch was taken at the most offshore station along the Cape Fairweather transect (250 km offshore).

Juvenile coho salmon were almost entirely confined to the continental shelf stations. Most of the juvenile coho salmon were taken along the Whale Bay transect (88%), with the single largest catch taken at a near shore station.

Juvenile pink salmon were caught in abundance at all continental shelf transects. Approximately 65% of the juvenile pink salmon were caught on the shelf within the 200 m isobath, and nearly all (99%) were caught within the 1,000 m isobath.

Juvenile sockeye salmon were entirely confined to the continental shelf stations. All juvenile sockeye salmon were caught on the shelf within the 1,000 m isobath.

Salmon Biological Data

Table 2 reports the detailed biological data collected from each salmon caught on the survey. Individual salmon were assigned a fish number which consisted of the cruise identifier "HSC1095", followed hierarchically by tow number, species code, and sample number. For example, "HSC1095-2-124-7" refers tow number 2, species code "124" for chinook salmon, and the sample number "7" (the 7th fish caught in this survey). We used the following codes from Fisheries and Oceans' Salmon Stock Assessment database: 108, pink salmon; 112, chum salmon; 115, coho salmon; 118, sockeye salmon; and 124, chinook salmon. The station ID number indicating the consecutive tow in which each salmon was caught is also included in Table 2.

Biological data collected for each salmon includes (when available): species common name, fork length (mm) and sex.

Figure 10 shows the size distributions (fork length; mm) for chinook, chum, coho, pink and sockeye salmon, respectively. Catches for all species were dominated by first ocean year individuals (.0+). Chinook and chum salmon were the only species for which older individuals were caught.

Oceanographic Data

Table 3 reports the physical oceanographic data collected on the survey including the station ID number, the Institute of Ocean Sciences' consecutive number for the CTD cast, transect, sampling region, the date and time in UTC, the latitude (°N) and longitude (°W), bottom depth (m), sea surface temperature (SST) in °C and sea

surface salinity (SSS) in ppt taken from the processed CTD files. The CTD consecutive number consists of the Institute of Ocean Sciences' cruise designation "9536" followed by the consecutive number for each CTD cast on this survey.

Zooplankton Data

Table 4 reports the zooplankton data by station collected by the Bongo tows, including the station ID number, transect, sampling region, latitude ($^{\circ}$ N) and longitude ($^{\circ}$ W), the date and time in PST, bottom depth (m), target depth (m), tow duration and volume of ocean water sampled in cubic meters.

Table 5 reports the species composition and abundance of zooplankton collected in Bongo tows. Copepods (calanoids and cyclopoids) were the most dominant groups and accounted for 59-99% of animals counted in the zooplankton samples. Other common groups included: Hydromedusae (Cnidaria), Gastropoda (Mollusca), Ostracoda, Hyperiida (Amphipoda), Euphausiaca and Chaetognatha.

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork Length (mm)	Sex
HSC1095-2-124-7	HSC109502	CHINOOK	356	M
HSC1095-13-124-326	HSC109513	CHINOOK	319	
HSC1095-14-124-409	HSC109514	CHINOOK	342	
HSC1095-21-124-835	HSC109521	CHINOOK	299	
HSC1095-21-124-836	HSC109521	CHINOOK	345	
HSC1095-21-124-837	HSC109521	CHINOOK	405	
HSC1095-21-124-838	HSC109521	CHINOOK	307	
HSC1095-31-124-1105	HSC109531	CHINOOK	776	F
HSC1095-31-124-1106	HSC109531	CHINOOK	700	M
HSC1095-32-124-1109	HSC109532	CHINOOK	378	
HSC1095-1-112-1	HSC109501	CHUM	193	M
HSC1095-2-112-6	HSC109502	CHUM	228	
HSC1095-3-112-21	HSC109503	CHUM	242	
HSC1095-3-112-23	HSC109503	CHUM	249	
HSC1095-4-112-33	HSC109504	CHUM	230	
HSC1095-4-112-34	HSC109504	CHUM	255	
HSC1095-4-112-35	HSC109504	CHUM	260	
HSC1095-4-112-36	HSC109504	CHUM	249	
HSC1095-4-112-37	HSC109504	CHUM	246	
HSC1095-4-112-38	HSC109504	CHUM	217	
HSC1095-4-112-39	HSC109504	CHUM	190	
HSC1095-4-112-40	HSC109504	CHUM	210	
HSC1095-4-112-41	HSC109504	CHUM	245	
HSC1095-4-112-42	HSC109504	CHUM	175	
HSC1095-4-112-43	HSC109504	CHUM	218	
HSC1095-4-112-44	HSC109504	CHUM	232	
HSC1095-5-112-157B	HSC109505	CHUM	237	
HSC1095-5-112-158	HSC109505	CHUM	250	
HSC1095-5-112-159	HSC109505	CHUM	261	
HSC1095-5-112-160	HSC109505	CHUM	227	
HSC1095-5-112-161	HSC109505	CHUM	227	
HSC1095-5-112-162	HSC109505	CHUM	260	
HSC1095-5-112-163	HSC109505	CHUM	252	
HSC1095-5-112-164	HSC109505	CHUM	251	
HSC1095-5-112-165	HSC109505	CHUM	222	
HSC1095-5-112-166	HSC109505	CHUM	200	
HSC1095-5-112-167	HSC109505	CHUM	251	
HSC1095-5-112-168	HSC109505	CHUM	218	
HSC1095-5-112-169	HSC109505	CHUM	237	
HSC1095-5-112-170	HSC109505	CHUM	246	
HSC1095-5-112-171	HSC109505	CHUM	252	
HSC1095-5-112-172	HSC109505	CHUM	245	
HSC1095-5-112-173	HSC109505	CHUM	204	
HSC1095-5-112-174	HSC109505	CHUM	228	
HSC1095-5-112-175	HSC109505	CHUM	212	
HSC1095-5-112-176	HSC109505	CHUM	252	
HSC1095-5-112-177	HSC109505	CHUM	246	
HSC1095-5-112-178	HSC109505	CHUM	260	
HSC1095-5-112-179	HSC109505	CHUM	237	
HSC1095-5-112-180	HSC109505	CHUM	237	
HSC1095-5-112-181	HSC109505	CHUM	230	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork Length (mm)	Sex
HSC1095-5-112-182	HSC109505	CHUM	238	
HSC1095-5-112-183	HSC109505	CHUM	236	
HSC1095-6-112-187	HSC109506	CHUM	699	F
HSC1095-6-112-188	HSC109506	CHUM	695	
HSC1095-6-112-189	HSC109506	CHUM	692	F
HSC1095-7-112-190	HSC109507	CHUM	728	M
HSC1095-7-112-191	HSC109507	CHUM	761	F
HSC1095-8-112-192	HSC109508	CHUM	459	M
HSC1095-8-112-193	HSC109508	CHUM	656	M
HSC1095-9-112-194	HSC109509	CHUM	461	M
HSC1095-9-112-195	HSC109509	CHUM	569	F
HSC1095-9-112-196	HSC109509	CHUM	466	F
HSC1095-9-112-197	HSC109509	CHUM	593	F
HSC1095-9-112-198	HSC109509	CHUM	421	M
HSC1095-9-112-199	HSC109509	CHUM	548	
HSC1095-9-112-200	HSC109509	CHUM	426	
HSC1095-9-112-201	HSC109509	CHUM	566	
HSC1095-9-112-202	HSC109509	CHUM	444	
HSC1095-9-112-203	HSC109509	CHUM	538	
HSC1095-9-112-204	HSC109509	CHUM	460	
HSC1095-9-112-205	HSC109509	CHUM	449	
HSC1095-9-112-206	HSC109509	CHUM	447	
HSC1095-9-112-207	HSC109509	CHUM	434	
HSC1095-9-112-208	HSC109509	CHUM	636	
HSC1095-9-112-209	HSC109509	CHUM	638	
HSC1095-9-112-210	HSC109509	CHUM	587	
HSC1095-9-112-211	HSC109509	CHUM	519	
HSC1095-9-112-212	HSC109509	CHUM	597	
HSC1095-9-112-213	HSC109509	CHUM	544	
HSC1095-9-112-214	HSC109509	CHUM	456	F
HSC1095-9-112-215	HSC109509	CHUM	540	M
HSC1095-9-112-216	HSC109509	CHUM	462	F
HSC1095-9-112-217	HSC109509	CHUM	438	F
HSC1095-9-112-218	HSC109509	CHUM	457	F
HSC1095-9-112-219	HSC109509	CHUM	425	F
HSC1095-9-112-220	HSC109509	CHUM	464	F
HSC1095-9-112-221	HSC109509	CHUM	435	M
HSC1095-9-112-222	HSC109509	CHUM	457	M
HSC1095-9-112-223	HSC109509	CHUM	453	F
HSC1095-9-112-224	HSC109509	CHUM	607	M
HSC1095-9-112-225	HSC109509	CHUM	465	M
HSC1095-9-112-226	HSC109509	CHUM	612	M
HSC1095-9-112-227	HSC109509	CHUM	602	M
HSC1095-9-112-228	HSC109509	CHUM	496	F
HSC1095-9-112-229	HSC109509	CHUM	446	F
HSC1095-9-112-230	HSC109509	CHUM	635	M
HSC1095-9-112-231	HSC109509	CHUM	477	F
HSC1095-9-112-232	HSC109509	CHUM	442	F
HSC1095-9-112-233	HSC109509	CHUM	420	F
HSC1095-13-112-244	HSC109513	CHUM	229	
HSC1095-13-112-245	HSC109513	CHUM	230	
HSC1095-13-112-246	HSC109513	CHUM	221	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork Length (mm)	Sex
HSC1095-13-112-247	HSC109513	CHUM	242	
HSC1095-13-112-248	HSC109513	CHUM	235	
HSC1095-13-112-249	HSC109513	CHUM	219	
HSC1095-13-112-250	HSC109513	CHUM	229	
HSC1095-13-112-251	HSC109513	CHUM	234	
HSC1095-13-112-252	HSC109513	CHUM	229	
HSC1095-14-112-412	HSC109514	CHUM	231	
HSC1095-14-112-413	HSC109514	CHUM	232	
HSC1095-14-112-414	HSC109514	CHUM	225	
HSC1095-14-112-416	HSC109514	CHUM	221	
HSC1095-14-112-417	HSC109514	CHUM	260	
HSC1095-14-112-418	HSC109514	CHUM	237	
HSC1095-14-112-419	HSC109514	CHUM	212	
HSC1095-14-112-420	HSC109514	CHUM	251	
HSC1095-14-112-421	HSC109514	CHUM	239	
HSC1095-14-112-422	HSC109514	CHUM	243	
HSC1095-15-112-661	HSC109515	CHUM	251	
HSC1095-15-112-662	HSC109515	CHUM	252	
HSC1095-15-112-663	HSC109515	CHUM	235	
HSC1095-15-112-664	HSC109515	CHUM	240	
HSC1095-15-112-665	HSC109515	CHUM	216	
HSC1095-15-112-666	HSC109515	CHUM	246	
HSC1095-15-112-667	HSC109515	CHUM	235	
HSC1095-15-112-668	HSC109515	CHUM	255	
HSC1095-15-112-669	HSC109515	CHUM	221	
HSC1095-15-112-670	HSC109515	CHUM	217	
HSC1095-15-112-671	HSC109515	CHUM	227	
HSC1095-15-112-672	HSC109515	CHUM	232	
HSC1095-15-112-673	HSC109515	CHUM	253	
HSC1095-15-112-674	HSC109515	CHUM	231	
HSC1095-15-112-675	HSC109515	CHUM	235	
HSC1095-15-112-676	HSC109515	CHUM	249	
HSC1095-15-112-677	HSC109515	CHUM	238	
HSC1095-15-112-689	HSC109515	CHUM	598	F
HSC1095-16-112-720	HSC109516	CHUM	232	
HSC1095-16-112-721	HSC109516	CHUM	231	
HSC1095-16-112-722	HSC109516	CHUM	234	
HSC1095-16-112-723	HSC109516	CHUM	246	
HSC1095-16-112-724	HSC109516	CHUM	234	
HSC1095-16-112-725	HSC109516	CHUM	248	
HSC1095-16-112-726	HSC109516	CHUM	240	
HSC1095-16-112-727	HSC109516	CHUM	232	
HSC1095-16-112-728	HSC109516	CHUM	212	
HSC1095-16-112-729	HSC109516	CHUM	232	
HSC1095-17-112-768	HSC109517	CHUM	227	
HSC1095-17-112-769	HSC109517	CHUM	233	
HSC1095-17-112-770	HSC109517	CHUM	243	
HSC1095-17-112-771	HSC109517	CHUM	245	
HSC1095-17-112-772	HSC109517	CHUM	222	
HSC1095-17-112-773	HSC109517	CHUM	211	
HSC1095-18-112-782	HSC109518	CHUM	645	F
HSC1095-18-112-783	HSC109518	CHUM	675	F

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork	Sex
			Length (mm)	
HSC1095-18-112-784	HSC109518	CHUM	774	F
HSC1095-19-112-785	HSC109519	CHUM	669	F
HSC1095-20-112-1	HSC109520	CHUM	243	
HSC1095-20-112-2	HSC109520	CHUM	227	
HSC1095-20-112-3	HSC109520	CHUM	235	
HSC1095-20-112-4	HSC109520	CHUM	239	
HSC1095-20-112-5	HSC109520	CHUM	230	
HSC1095-20-112-6	HSC109520	CHUM	235	
HSC1095-20-112-7	HSC109520	CHUM	254	
HSC1095-20-112-8	HSC109520	CHUM	237	
HSC1095-20-112-9	HSC109520	CHUM	232	
HSC1095-20-112-10	HSC109520	CHUM	233	
HSC1095-20-112-11	HSC109520	CHUM	233	
HSC1095-20-112-12	HSC109520	CHUM	239	
HSC1095-20-112-13	HSC109520	CHUM	251	
HSC1095-20-112-14	HSC109520	CHUM	218	
HSC1095-20-112-15	HSC109520	CHUM	225	
HSC1095-20-112-16	HSC109520	CHUM	234	
HSC1095-20-112-17	HSC109520	CHUM	261	
HSC1095-20-112-18	HSC109520	CHUM	252	
HSC1095-20-112-19	HSC109520	CHUM	250	
HSC1095-20-112-20	HSC109520	CHUM	240	
HSC1095-20-112-21	HSC109520	CHUM	237	
HSC1095-20-112-22	HSC109520	CHUM	237	
HSC1095-20-112-23	HSC109520	CHUM	240	
HSC1095-20-112-24	HSC109520	CHUM	212	
HSC1095-20-112-25	HSC109520	CHUM	231	
HSC1095-20-112-26	HSC109520	CHUM	244	
HSC1095-20-112-27	HSC109520	CHUM	225	
HSC1095-20-112-28	HSC109520	CHUM	236	
HSC1095-20-112-29	HSC109520	CHUM	206	
HSC1095-20-112-30	HSC109520	CHUM	245	
HSC1095-20-112-31	HSC109520	CHUM	234	
HSC1095-20-112-32	HSC109520	CHUM	235	
HSC1095-20-112-33	HSC109520	CHUM	233	
HSC1095-20-112-34	HSC109520	CHUM	228	
HSC1095-20-112-35	HSC109520	CHUM	223	
HSC1095-20-112-36	HSC109520	CHUM	237	
HSC1095-20-112-37	HSC109520	CHUM	251	
HSC1095-20-112-38	HSC109520	CHUM	185	
HSC1095-20-112-39	HSC109520	CHUM	219	
HSC1095-20-112-40	HSC109520	CHUM	201	
HSC1095-20-112-41	HSC109520	CHUM	230	
HSC1095-20-112-42	HSC109520	CHUM	242	
HSC1095-20-112-43	HSC109520	CHUM	242	
HSC1095-20-112-44	HSC109520	CHUM	231	
HSC1095-20-112-45	HSC109520	CHUM	228	
HSC1095-20-112-46	HSC109520	CHUM	227	
HSC1095-20-112-47	HSC109520	CHUM	239	
HSC1095-20-112-48	HSC109520	CHUM	217	
HSC1095-20-112-49	HSC109520	CHUM	229	
HSC1095-20-112-50	HSC109520	CHUM	247	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork Length (mm)	Sex
HSC1095-20-112-796	HSC109520	CHUM	711	F
HSC1095-20-112-797	HSC109520	CHUM	226	
HSC1095-20-112-798	HSC109520	CHUM	207	
HSC1095-20-112-799	HSC109520	CHUM	229	
HSC1095-20-112-800	HSC109520	CHUM	234	
HSC1095-20-112-801	HSC109520	CHUM	250	
HSC1095-20-112-802	HSC109520	CHUM	241	
HSC1095-20-112-803	HSC109520	CHUM	239	
HSC1095-20-112-804	HSC109520	CHUM	229	
HSC1095-20-112-805	HSC109520	CHUM	239	
HSC1095-20-112-806	HSC109520	CHUM	224	
HSC1095-21-112-839	HSC109521	CHUM	238	
HSC1095-21-112-840	HSC109521	CHUM	206	
HSC1095-21-112-841	HSC109521	CHUM	215	
HSC1095-21-112-842	HSC109521	CHUM	206	
HSC1095-21-112-843	HSC109521	CHUM	236	
HSC1095-21-112-844	HSC109521	CHUM	236	
HSC1095-21-112-845	HSC109521	CHUM	231	
HSC1095-21-112-846	HSC109521	CHUM	242	
HSC1095-21-112-847	HSC109521	CHUM	215	
HSC1095-21-112-848	HSC109521	CHUM	231	
HSC1095-21-112-849	HSC109521	CHUM	240	
HSC1095-21-112-850	HSC109521	CHUM	241	
HSC1095-21-112-851	HSC109521	CHUM	217	
HSC1095-21-112-852	HSC109521	CHUM	226	
HSC1095-21-112-853	HSC109521	CHUM	216	
HSC1095-21-112-853B	HSC109521	CHUM	193	
HSC1095-22-112-887	HSC109522	CHUM	236	
HSC1095-22-112-888	HSC109522	CHUM	241	
HSC1095-22-112-889	HSC109522	CHUM	240	
HSC1095-22-112-890	HSC109522	CHUM	218	
HSC1095-22-112-891	HSC109522	CHUM	213	
HSC1095-22-112-892	HSC109522	CHUM	225	
HSC1095-22-112-893	HSC109522	CHUM	245	
HSC1095-22-112-894	HSC109522	CHUM	223	
HSC1095-22-112-895	HSC109522	CHUM	240	
HSC1095-22-112-896	HSC109522	CHUM	217	
HSC1095-22-112-897	HSC109522	CHUM	223	
HSC1095-22-112-898	HSC109522	CHUM	257	
HSC1095-22-112-899	HSC109522	CHUM	230	
HSC1095-23-112-1	HSC109523	CHUM	240	
HSC1095-23-112-2	HSC109523	CHUM	239	
HSC1095-23-112-3	HSC109523	CHUM	230	
HSC1095-23-112-4	HSC109523	CHUM	252	
HSC1095-23-112-5	HSC109523	CHUM	234	
HSC1095-23-112-6	HSC109523	CHUM	224	
HSC1095-23-112-7	HSC109523	CHUM	242	
HSC1095-28-112-1048	HSC109528	CHUM	187	
HSC1095-28-112-1049	HSC109528	CHUM	208	
HSC1095-28-112-1050	HSC109528	CHUM	193	
HSC1095-28-112-1051	HSC109528	CHUM	207	
HSC1095-28-112-1052	HSC109528	CHUM	211	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork Length (mm)	Sex
HSC1095-28-112-1053	HSC109528	CHUM	223	
HSC1095-28-112-1054	HSC109528	CHUM	194	
HSC1095-28-112-1055	HSC109528	CHUM	198	
HSC1095-28-112-1056	HSC109528	CHUM	195	
HSC1095-28-112-1057	HSC109528	CHUM	184	
HSC1095-28-112-1058	HSC109528	CHUM	204	
HSC1095-28-112-1059	HSC109528	CHUM	223	
HSC1095-28-112-1060	HSC109528	CHUM	196	
HSC1095-28-112-1061	HSC109528	CHUM	202	
HSC1095-28-112-1062	HSC109528	CHUM	212	
HSC1095-28-112-1063	HSC109528	CHUM	195	
HSC1095-29-112-1089	HSC109529	CHUM	228	
HSC1095-65-112-1	HSC109565	CHUM	229	
HSC1095-65-112-2	HSC109565	CHUM	220	
HSC1095-65-112-3	HSC109565	CHUM	218	
HSC1095-65-112-4	HSC109565	CHUM	210	
HSC1095-65-112-5	HSC109565	CHUM	210	
HSC1095-65-112-6	HSC109565	CHUM	206	
HSC1095-65-112-7	HSC109565	CHUM	221	
HSC1095-65-112-8	HSC109565	CHUM	210	
HSC1095-65-112-9	HSC109565	CHUM	205	
HSC1095-65-112-10	HSC109565	CHUM	200	
HSC1095-65-112-11	HSC109565	CHUM	211	
HSC1095-65-112-12	HSC109565	CHUM	218	
HSC1095-65-112-13	HSC109565	CHUM	219	
HSC1095-65-112-14	HSC109565	CHUM	215	
HSC1095-65-112-15	HSC109565	CHUM	220	
HSC1095-65-112-16	HSC109565	CHUM	219	
HSC1095-65-112-17	HSC109565	CHUM	209	
HSC1095-65-112-18	HSC109565	CHUM	211	
HSC1095-65-112-19	HSC109565	CHUM	221	
HSC1095-65-112-20	HSC109565	CHUM	217	
HSC1095-65-112-21	HSC109565	CHUM	235	
HSC1095-65-112-22	HSC109565	CHUM	221	
HSC1095-65-112-23	HSC109565	CHUM	222	
HSC1095-65-112-24	HSC109565	CHUM	210	
HSC1095-65-112-25	HSC109565	CHUM	218	
HSC1095-65-112-26	HSC109565	CHUM	234	
HSC1095-65-112-27	HSC109565	CHUM	225	
HSC1095-65-112-28	HSC109565	CHUM	221	
HSC1095-65-112-29	HSC109565	CHUM	230	
HSC1095-65-112-30	HSC109565	CHUM	209	
HSC1095-65-112-31	HSC109565	CHUM	219	
HSC1095-65-112-32	HSC109565	CHUM	200	
HSC1095-65-112-33	HSC109565	CHUM	221	
HSC1095-65-112-34	HSC109565	CHUM	218	
HSC1095-65-112-35	HSC109565	CHUM	221	
HSC1095-65-112-36	HSC109565	CHUM	220	
HSC1095-65-112-37	HSC109565	CHUM	237	
HSC1095-65-112-38	HSC109565	CHUM	218	
HSC1095-65-112-39	HSC109565	CHUM	220	
HSC1095-65-112-40	HSC109565	CHUM	213	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork Length (mm)	Sex
HSC1095-65-112-41	HSC109565	CHUM	221	
HSC1095-65-112-42	HSC109565	CHUM	224	
HSC1095-65-112-43	HSC109565	CHUM	198	
HSC1095-65-112-44	HSC109565	CHUM	205	
HSC1095-65-112-45	HSC109565	CHUM	212	
HSC1095-65-112-46	HSC109565	CHUM	215	
HSC1095-65-112-47	HSC109565	CHUM	200	
HSC1095-65-112-48	HSC109565	CHUM	237	
HSC1095-65-112-49	HSC109565	CHUM	219	
HSC1095-65-112-50	HSC109565	CHUM	234	
HSC1095-65-112-51	HSC109565	CHUM	202	
HSC1095-65-112-52	HSC109565	CHUM	210	
HSC1095-65-112-53	HSC109565	CHUM	216	
HSC1095-65-112-54	HSC109565	CHUM	225	
HSC1095-65-112-55	HSC109565	CHUM	208	
HSC1095-65-112-56	HSC109565	CHUM	210	
HSC1095-65-112-57	HSC109565	CHUM	234	
HSC1095-65-112-58	HSC109565	CHUM	226	
HSC1095-65-112-59	HSC109565	CHUM	210	
HSC1095-65-112-60	HSC109565	CHUM	234	
HSC1095-65-112-61	HSC109565	CHUM	220	
HSC1095-65-112-62	HSC109565	CHUM	219	
HSC1095-65-112-63	HSC109565	CHUM	210	
HSC1095-65-112-64	HSC109565	CHUM	239	
HSC1095-65-112-65	HSC109565	CHUM	217	
HSC1095-65-112-66	HSC109565	CHUM	205	
HSC1095-65-112-67	HSC109565	CHUM	210	
HSC1095-65-112-68	HSC109565	CHUM	230	
HSC1095-65-112-69	HSC109565	CHUM	238	
HSC1095-65-112-70	HSC109565	CHUM	209	
HSC1095-65-112-71	HSC109565	CHUM	215	
HSC1095-65-112-72	HSC109565	CHUM	230	
HSC1095-65-112-73	HSC109565	CHUM	231	
HSC1095-65-112-74	HSC109565	CHUM	231	
HSC1095-65-112-75	HSC109565	CHUM	219	
HSC1095-65-112-76	HSC109565	CHUM	220	
HSC1095-65-112-77	HSC109565	CHUM	220	
HSC1095-65-112-78	HSC109565	CHUM	218	
HSC1095-65-112-79	HSC109565	CHUM	229	
HSC1095-65-112-80	HSC109565	CHUM	212	
HSC1095-65-112-81	HSC109565	CHUM	225	
HSC1095-65-112-82	HSC109565	CHUM	222	
HSC1095-65-112-83	HSC109565	CHUM	215	
HSC1095-65-112-84	HSC109565	CHUM	212	
HSC1095-65-112-85	HSC109565	CHUM	225	
HSC1095-65-112-86	HSC109565	CHUM	234	
HSC1095-65-112-87	HSC109565	CHUM	216	
HSC1095-65-112-88	HSC109565	CHUM	235	
HSC1095-65-112-89	HSC109565	CHUM	208	
HSC1095-65-112-90	HSC109565	CHUM	211	
HSC1095-65-112-91	HSC109565	CHUM	204	
HSC1095-65-112-92	HSC109565	CHUM	237	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork	Sex
			Length (mm)	
HSC1095-65-112-93	HSC109565	CHUM	219	
HSC1095-65-112-94	HSC109565	CHUM	213	
HSC1095-65-112-95	HSC109565	CHUM	251	
HSC1095-65-112-96	HSC109565	CHUM	223	
HSC1095-65-112-97	HSC109565	CHUM	235	
HSC1095-65-112-98	HSC109565	CHUM	209	
HSC1095-65-112-99	HSC109565	CHUM	221	
HSC1095-65-112-100	HSC109565	CHUM	233	
HSC1095-65-112-101	HSC109565	CHUM	222	
HSC1095-65-112-102	HSC109565	CHUM	222	
HSC1095-65-112-103	HSC109565	CHUM	228	
HSC1095-65-112-104	HSC109565	CHUM	212	
HSC1095-65-112-105	HSC109565	CHUM	208	
HSC1095-65-112-106	HSC109565	CHUM	221	
HSC1095-65-112-107	HSC109565	CHUM	215	
HSC1095-65-112-108	HSC109565	CHUM	235	
HSC1095-65-112-109	HSC109565	CHUM	219	
HSC1095-65-112-110	HSC109565	CHUM	220	
HSC1095-65-112-111	HSC109565	CHUM	234	
HSC1095-65-112-112	HSC109565	CHUM	200	
HSC1095-65-112-113	HSC109565	CHUM	234	
HSC1095-65-112-114	HSC109565	CHUM	202	
HSC1095-65-112-115	HSC109565	CHUM	220	
HSC1095-65-112-116	HSC109565	CHUM	219	
HSC1095-65-112-117	HSC109565	CHUM	212	
HSC1095-65-112-118	HSC109565	CHUM	226	
HSC1095-65-112-119	HSC109565	CHUM	210	
HSC1095-65-112-120	HSC109565	CHUM	216	
HSC1095-65-112-121	HSC109565	CHUM	214	
HSC1095-65-112-122	HSC109565	CHUM	217	
HSC1095-65-112-123	HSC109565	CHUM	242	
HSC1095-65-112-124	HSC109565	CHUM	233	
HSC1095-65-112-125	HSC109565	CHUM	218	
HSC1095-65-112-126	HSC109565	CHUM	219	
HSC1095-65-112-127	HSC109565	CHUM	225	
HSC1095-65-112-128	HSC109565	CHUM	224	
HSC1095-65-112-129	HSC109565	CHUM	210	
HSC1095-65-112-130	HSC109565	CHUM	222	
HSC1095-65-112-131	HSC109565	CHUM	211	
HSC1095-65-112-132	HSC109565	CHUM	220	
HSC1095-65-112-133	HSC109565	CHUM	220	
HSC1095-65-112-134	HSC109565	CHUM	214	
HSC1095-65-112-135	HSC109565	CHUM	219	
HSC1095-65-112-136	HSC109565	CHUM	215	
HSC1095-65-112-137	HSC109565	CHUM	233	
HSC1095-65-112-138	HSC109565	CHUM	217	
HSC1095-65-112-139	HSC109565	CHUM	222	
HSC1095-65-112-140	HSC109565	CHUM	216	
HSC1095-65-112-141	HSC109565	CHUM	242	
HSC1095-65-112-142	HSC109565	CHUM	232	
HSC1095-65-112-143	HSC109565	CHUM	207	
HSC1095-65-112-144	HSC109565	CHUM	213	

Table 1. Tow positions and catch summaries of Pacific salmon for the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995.

Station ID	Transect	Region	Date	Time PST	Latitude (°N)	Longitude (°W)	Bottom Depth (m)	Tow Duration (h)	SOG (kts)	Heading (°T)	CK all	CM juv	CM ad.	CO juv	CO ad.	PK juv	PK ad.	SE juv	SE ad.
HSC109501	CAPE SPENCER	S.E. ALASKA	07-Oct-95	19:25	58.000	136.833	270	0:36	7.6	332	0	1	0	0	0	0	0	0	0
HSC109502	CAPE SPENCER	S.E. ALASKA	07-Oct-95	20:30	58.067	136.750	199	1:00	8.4	298	1	1	0	0	0	4	0	0	0
HSC109503	CAPE FAIRWEATHER	S.E. ALASKA	08-Oct-95	10:30	58.700	138.383	134	1:00	3.3	288	0	2	0	0	0	13	0	4	0
HSC109504	CAPE FAIRWEATHER	S.E. ALASKA	08-Oct-95	14:00	58.633	138.833	162	1:00	4.2	270	0	12	0	1	0	6	0	2	0
HSC109505	CAPE FAIRWEATHER	S.E. ALASKA	08-Oct-95	17:05	58.550	139.283	203	1:00	4.7	270	0	27	0	3	0	115	0	0	0
HSC109506	CAPE FAIRWEATHER	S.E. ALASKA	08-Oct-95	20:15	58.450	139.700	479	1:00	4.3	226	0	0	3	0	0	0	0	0	0
HSC109507	CAPE FAIRWEATHER	S.E. ALASKA	09-Oct-95	10:05	58.117	140.300	3,582	1:00	2.9	226	0	0	2	0	0	0	0	0	0
HSC109508	CAPE FAIRWEATHER	S.E. ALASKA	09-Oct-95	14:50	57.817	140.883	3,426	1:00	4.3	241	0	0	2	0	0	0	0	0	0
HSC109509	CAPE FAIRWEATHER	S.E. ALASKA	09-Oct-95	19:50	57.550	141.550	3,608	1:00	3.7	216	0	0	40	0	0	0	0	0	0
HSC109510	ICY POINT	S.E. ALASKA	10-Oct-95	11:20	57.667	138.233	2,943	1:00	5.0	006	0	0	0	0	0	0	0	0	0
HSC109511	ICY POINT	S.E. ALASKA	10-Oct-95	18:45	57.800	137.833	2,083	1:00	5.1	012	0	0	0	0	0	0	0	0	0
HSC109512	ICY POINT	S.E. ALASKA	10-Oct-95	21:55	57.917	137.633	394	1:00	5.0	000	0	0	0	4	0	6	0	0	0
HSC109513	ICY POINT	S.E. ALASKA	11-Oct-95	00:50	58.150	137.417	155	1:00	5.0	000	1	9	0	2	0	72	0	0	0
HSC109514	ICY POINT	S.E. ALASKA	11-Oct-95	04:40	58.083	137.150	205	1:00	4.2	345	1	10	0	3	0	80	0	0	0
HSC109515	CAPE EDGE CUMBE	S.E. ALASKA	13-Oct-95	18:55	57.133	135.933	133	1:00	4.0	188	0	17	1	8	0	238	0	3	0
HSC109516	CAPE EDGE CUMBE	S.E. ALASKA	13-Oct-95	21:50	57.067	135.983	149	1:00	4.0	180	0	10	0	8	0	90	0	0	0
HSC109517	CAPE EDGE CUMBE	S.E. ALASKA	13-Oct-95	23:50	56.983	136.000	395	1:00	4.4	270	0	6	0	6	0	83	0	1	0
HSC109518	CAPE EDGE CUMBE	S.E. ALASKA	13-Oct-95	02:00	57.000	136.217	999	1:00	3.9	285	0	0	3	1	0	0	0	0	0
HSC109519	CAPE EDGE CUMBE	S.E. ALASKA	13-Oct-95	03:45	57.017	136.383	1,486	1:00	4.4	270	0	0	1	0	0	0	0	0	0
HSC109520	WHALE BAY	S.E. ALASKA	14-Oct-95	19:10	56.583	135.333	51	1:00	3.4	151	0	60	1	496	0	46	0	0	0
HSC109521	WHALE BAY	S.E. ALASKA	14-Oct-95	22:53	56.450	135.117	42	0:30	4.1	164	4	16	0	17	0	271	0	1	0
HSC109522	WHALE BAY	S.E. ALASKA	15-Oct-95	00:20	56.400	135.117	88	1:00	3.5	253	0	13	0	3	0	175	0	8	0
HSC109523	WHALE BAY	S.E. ALASKA	15-Oct-95	02:10	56.350	135.317	140	1:00	3.9	239	0	7	0	10	0	153	0	3	0
HSC109524	WHALE BAY	S.E. ALASKA	15-Oct-95	04:00	56.283	135.600	821	1:00	2.9	251	0	0	0	33	0	35	0	0	0
HSC109525	SUMNER STRAIT	INSIDE S.E. ALASKA	15-Oct-95	19:20	56.083	133.783	190	1:00	3.0	229	0	0	0	2	0	7	0	0	0
HSC109526	SUMNER STRAIT	INSIDE S.E. ALASKA	15-Oct-95	21:00	56.017	133.900	189	1:00	4.1	255	0	0	0	1	0	14	0	0	0
HSC109527	CAPE DECISION	S.E. ALASKA	15-Oct-95	22:40	55.917	134.033	69	1:00	5.5	204	0	0	0	0	0	6	0	0	0
HSC109528	CAPE DECISION	S.E. ALASKA	16-Oct-95	00:20	55.800	134.117	192	1:12	4.5	204	0	16	0	0	0	355	0	2	0
HSC109529	CAPE DECISION	S.E. ALASKA	16-Oct-95	03:50	55.517	134.600	219	0:30	6.9	210	0	1	0	12	0	13	0	0	0
HSC109530	CAPE DECISION	S.E. ALASKA	16-Oct-95	05:45	55.383	134.867	474	0:30	6.0	229	0	0	0	14	0	1	0	0	0
HSC109531	FREDERICK SOUND	INSIDE S.E. ALASKA	16-Oct-95	19:40	56.933	134.533	189	1:00	3.4	053	2	0	0	1	0	0	0	0	0
HSC109532	FREDERICK SOUND	INSIDE S.E. ALASKA	16-Oct-95	21:30	56.983	134.417	189	1:00	2.6	039	1	0	0	0	0	1	0	0	0
HSC109533	FREDERICK SOUND	INSIDE S.E. ALASKA	17-Oct-95	00:05	56.917	134.383	190	1:00	3.7	216	0	0	0	1	0	0	0	0	0
HSC109534	OFFSHORE	OFFSHORE	20-Oct-95	20:20	56.492	138.040	3,043	1:00	3.9	245	0	0	0	0	0	0	0	0	0
HSC109535	OFFSHORE	OFFSHORE	21-Oct-95	11:08	55.882	141.108	3,696	1:00	4.1	263	0	0	0	0	0	0	0	0	0
HSC109536	OFFSHORE	OFFSHORE	22-Oct-95	11:23	53.023	145.120	4,081	2:00	4.1	104	0	0	0	0	0	0	0	0	0
HSC109537	OFFSHORE	OFFSHORE	22-Oct-95	16:58	52.537	144.963	3,998	1:00	4.3	195	0	0	0	0	0	0	0	0	0
HSC109538	OFFSHORE	OFFSHORE	29-Oct-95	08:50	50.080	130.033	2,024	1:00	4.8	346	0	0	0	0	0	0	0	0	0
HSC109539	OFFSHORE	OFFSHORE	29-Oct-95	12:57	50.562	130.280	2,128	1:00	3.9	345	0	0	0	0	0	0	0	0	0

Table 1. Tow positions and catch summaries of Pacific salmon for the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995.

Station ID	Transect	Region	Date	Time PST	Latitude (°N)	Longitude (°W)	Bottom Depth (m)	Tow Duration (h)	SOG (kts)	Heading (°T)	CK all	CM juv	CM ad.	CO juv	CO ad.	PK juv	PK ad.	SE juv	SE ad.
HSC109540	OFFSHORE	OFFSHORE	29-Oct-95	18:05	50.028	130.495	2,302	1:00	4.1	198	0	0	0	0	0	0	0	0	0
HSC109541	OFFSHORE	OFFSHORE	30-Oct-95	07:20	49.132	130.555	2,796	1:00	4.5	207	0	0	0	0	0	0	0	0	0
HSC109542	OFFSHORE	OFFSHORE	30-Oct-95	10:55	48.735	130.847	3,340	1:00	4.8	218	0	0	0	0	0	0	0	0	0
HSC109543	OFFSHORE	OFFSHORE	30-Oct-95	14:40	48.338	131.102	2,532	1:00	4.6	260	0	0	0	0	0	0	0	0	0
HSC109544	OFFSHORE	OFFSHORE	30-Oct-95	19:00	47.923	131.335	2,995	1:00	4.3	280	0	0	0	0	0	0	0	0	0
HSC109545	OFFSHORE	OFFSHORE	31-Oct-95	08:10	47.498	131.657	3,136	1:00	4.8	274	0	0	0	0	0	0	0	0	0
HSC109546	OFFSHORE	OFFSHORE	31-Oct-95	12:20	47.083	131.948	3,199	1:00	4.0	204	0	0	0	0	0	0	0	0	0
HSC109547	OFFSHORE	OFFSHORE	31-Oct-95	16:10	46.665	132.213	3,323	1:00	4.6	215	0	0	0	0	0	0	0	0	0
HSC109548	OFFSHORE	OFFSHORE	01-Nov-95	09:10	46.202	135.495	4,097	1:00	4.6	209	0	0	0	0	0	0	0	0	0
HSC109549	OFFSHORE	OFFSHORE	01-Nov-95	12:30	45.825	135.752	4,208	1:00	4.2	180	0	0	0	0	0	0	0	0	0
HSC109550	OFFSHORE	OFFSHORE	01-Nov-95	16:30	45.405	136.043	4,185	1:00	3.6	180	0	0	0	0	0	0	0	0	0
HSC109551	OFFSHORE	OFFSHORE	02-Nov-95	09:15	45.035	138.862	4,297	1:00	6.4	317	0	0	0	0	0	0	0	0	0
HSC109552	OFFSHORE	OFFSHORE	02-Nov-95	12:55	45.505	138.995	4,290	1:00	3.6	002	0	0	0	0	0	0	0	0	0
HSC109553	OFFSHORE	OFFSHORE	02-Nov-95	17:00	46.015	138.998	4,303	1:00	4.4	000	0	0	0	0	0	0	0	0	0
HSC109554	OFFSHORE	OFFSHORE	03-Nov-95	08:15	47.028	140.000	4,326	1:00	4.0	001	0	0	0	0	0	0	0	0	0
HSC109555	OFFSHORE	OFFSHORE	03-Nov-95	12:00	47.502	140.015	4,266	1:00	4.9	006	0	0	0	0	0	0	0	0	0
HSC109556	OFFSHORE	OFFSHORE	05-Nov-95	15:25	48.045	139.980	4,186	1:00	3.7	356	0	0	0	0	0	0	0	0	0
HSC109557	OFFSHORE	OFFSHORE	06-Nov-95	08:15	49.527	139.982	3,635	1:00	4.1	356	0	0	0	0	0	0	0	0	0
HSC109558	OFFSHORE	OFFSHORE	06-Nov-95	12:10	49.997	140.013	3,892	1:00	3.8	355	0	0	0	0	0	0	0	0	0
HSC109559	OFFSHORE	OFFSHORE	06-Nov-95	16:20	50.500	140.020	3,891	1:00	4.2	356	0	0	0	0	0	0	0	0	0
HSC109560	OFFSHORE	OFFSHORE	07-Nov-95	08:15	52.010	140.043	3,765	1:00	5.1	013	0	0	0	0	0	0	0	0	0
HSC109561	OFFSHORE	OFFSHORE	07-Nov-95	12:00	52.507	139.997	3,699	1:00	4.1	004	0	0	0	0	0	0	0	0	0
HSC109562	OFFSHORE	OFFSHORE	07-Nov-95	16:00	52.992	140.002	3,670	1:00	3.6	002	0	0	0	0	0	0	0	0	0
HSC109563	OFFSHORE	OFFSHORE	08-Nov-95	08:40	54.495	140.002	3,388	1:00	4.0	307	0	0	0	0	0	0	0	0	0
HSC109564	OFFSHORE	OFFSHORE	08-Nov-95	12:40	54.508	139.492	3,296	1:00	4.4	095	0	0	0	0	0	0	0	0	0
HSC109565	CAPE MUZON	S.E. ALASKA	09-Nov-95	09:30	55.077	134.385	831	1:00	7.7	073	0	251	0	0	0	263	0	2	0
HSC109566	CAPE MUZON	S.E. ALASKA	09-Nov-95	11:15	55.138	134.198	431	1:00	4.5	079	0	149	0	0	0	166	0	9	0
HSC109567	CAPE MUZON	S.E. ALASKA	09-Nov-95	14:35	55.053	134.477	1,089	1:00	3.9	241	0	5	0	5	0	26	0	0	0
HSC109568	CAPE MUZON	S.E. ALASKA	09-Nov-95	17:45	54.948	134.997	2,159	1:00	3.8	251	0	0	0	1	0	0	0	0	0
Totals											10	613	53	632	0	2,239	0	35	0
											Overall total								
											3,582								

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork Length (mm)	Sex
HSC1095-65-112-145	HSC109565	CHUM	217	
HSC1095-65-112-146	HSC109565	CHUM	220	
HSC1095-65-112-147	HSC109565	CHUM	215	
HSC1095-65-112-148	HSC109565	CHUM	243	
HSC1095-65-112-149	HSC109565	CHUM	204	
HSC1095-65-112-150	HSC109565	CHUM	225	
HSC1095-65-112-151	HSC109565	CHUM	226	
HSC1095-65-112-152	HSC109565	CHUM	217	
HSC1095-65-112-153	HSC109565	CHUM	225	
HSC1095-65-112-154	HSC109565	CHUM	246	
HSC1095-65-112-155	HSC109565	CHUM	215	
HSC1095-65-112-156	HSC109565	CHUM	215	
HSC1095-65-112-157	HSC109565	CHUM	220	
HSC1095-65-112-158	HSC109565	CHUM	221	
HSC1095-65-112-159	HSC109565	CHUM	214	
HSC1095-65-112-160	HSC109565	CHUM	204	
HSC1095-65-112-161	HSC109565	CHUM	206	
HSC1095-65-112-162	HSC109565	CHUM	221	
HSC1095-65-112-163	HSC109565	CHUM	204	
HSC1095-65-112-164	HSC109565	CHUM	206	
HSC1095-65-112-165	HSC109565	CHUM	214	
HSC1095-65-112-166	HSC109565	CHUM	209	
HSC1095-65-112-167	HSC109565	CHUM	223	
HSC1095-65-112-168	HSC109565	CHUM	217	
HSC1095-65-112-169	HSC109565	CHUM	215	
HSC1095-65-112-170	HSC109565	CHUM	209	
HSC1095-65-112-171	HSC109565	CHUM	208	
HSC1095-65-112-172	HSC109565	CHUM	220	
HSC1095-65-112-173	HSC109565	CHUM	214	
HSC1095-65-112-174	HSC109565	CHUM	213	
HSC1095-65-112-175	HSC109565	CHUM	213	
HSC1095-65-112-176	HSC109565	CHUM	228	
HSC1095-65-112-177	HSC109565	CHUM	223	
HSC1095-65-112-178	HSC109565	CHUM	215	
HSC1095-65-112-179	HSC109565	CHUM	244	
HSC1095-65-112-180	HSC109565	CHUM	221	
HSC1095-65-112-181	HSC109565	CHUM	210	
HSC1095-65-112-182	HSC109565	CHUM	231	
HSC1095-65-112-183	HSC109565	CHUM	215	
HSC1095-65-112-184	HSC109565	CHUM	223	
HSC1095-65-112-185	HSC109565	CHUM	215	
HSC1095-65-112-186	HSC109565	CHUM	216	
HSC1095-65-112-187	HSC109565	CHUM	213	
HSC1095-65-112-188	HSC109565	CHUM	225	
HSC1095-65-112-189	HSC109565	CHUM	233	
HSC1095-65-112-190	HSC109565	CHUM	225	
HSC1095-65-112-191	HSC109565	CHUM	210	
HSC1095-65-112-192	HSC109565	CHUM	229	
HSC1095-65-112-193	HSC109565	CHUM	210	
HSC1095-65-112-194	HSC109565	CHUM	211	
HSC1095-65-112-195	HSC109565	CHUM	200	
HSC1095-65-112-196	HSC109565	CHUM	228	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork Length (mm)	Sex
HSC1095-65-112-197	HSC109565	CHUM	224	
HSC1095-65-112-198	HSC109565	CHUM	228	
HSC1095-65-112-199	HSC109565	CHUM	210	
HSC1095-65-112-200	HSC109565	CHUM	210	
HSC1095-65-112-201	HSC109565	CHUM	231	
HSC1095-65-112-202	HSC109565	CHUM	220	
HSC1095-65-112-203	HSC109565	CHUM	235	
HSC1095-65-112-204	HSC109565	CHUM	216	
HSC1095-65-112-205	HSC109565	CHUM	220	
HSC1095-65-112-206	HSC109565	CHUM	225	
HSC1095-65-112-207	HSC109565	CHUM	231	
HSC1095-65-112-208	HSC109565	CHUM	210	
HSC1095-65-112-209	HSC109565	CHUM	211	
HSC1095-65-112-210	HSC109565	CHUM	209	
HSC1095-65-112-211	HSC109565	CHUM	214	
HSC1095-65-112-212	HSC109565	CHUM	238	
HSC1095-65-112-213	HSC109565	CHUM	211	
HSC1095-65-112-214	HSC109565	CHUM	221	
HSC1095-65-112-215	HSC109565	CHUM	224	
HSC1095-65-112-216	HSC109565	CHUM	215	
HSC1095-65-112-217	HSC109565	CHUM	217	
HSC1095-65-112-218	HSC109565	CHUM	210	
HSC1095-65-112-219	HSC109565	CHUM	221	
HSC1095-65-112-220	HSC109565	CHUM	216	
HSC1095-65-112-221	HSC109565	CHUM	221	
HSC1095-65-112-1141	HSC109565	CHUM	201	
HSC1095-65-112-1142	HSC109565	CHUM	211	
HSC1095-65-112-1143	HSC109565	CHUM	228	
HSC1095-65-112-1144	HSC109565	CHUM	233	
HSC1095-65-112-1145	HSC109565	CHUM	235	
HSC1095-65-112-1146	HSC109565	CHUM	233	
HSC1095-65-112-1147	HSC109565	CHUM	228	
HSC1095-65-112-1148	HSC109565	CHUM	220	
HSC1095-65-112-1149	HSC109565	CHUM	215	
HSC1095-65-112-1150	HSC109565	CHUM	234	
HSC1095-65-112-1151	HSC109565	CHUM	225	
HSC1095-65-112-1152	HSC109565	CHUM	230	
HSC1095-65-112-1153	HSC109565	CHUM	226	
HSC1095-65-112-1154	HSC109565	CHUM	213	
HSC1095-65-112-1155	HSC109565	CHUM	228	
HSC1095-65-112-1156	HSC109565	CHUM	215	
HSC1095-65-112-1157	HSC109565	CHUM	217	
HSC1095-65-112-1158	HSC109565	CHUM	212	
HSC1095-65-112-1159	HSC109565	CHUM	210	
HSC1095-65-112-1160	HSC109565	CHUM	238	
HSC1095-65-112-1161	HSC109565	CHUM	223	
HSC1095-65-112-1162	HSC109565	CHUM	215	
HSC1095-65-112-1163	HSC109565	CHUM	219	
HSC1095-65-112-1164	HSC109565	CHUM	225	
HSC1095-65-112-1165	HSC109565	CHUM	220	
HSC1095-65-112-1166	HSC109565	CHUM	237	
HSC1095-65-112-1167	HSC109565	CHUM	228	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork Length (mm)	Sex
HSC1095-65-112-1168	HSC109565	CHUM	230	
HSC1095-65-112-1169	HSC109565	CHUM	228	
HSC1095-65-112-1170	HSC109565	CHUM	216	
HSC1095-66-112-1	HSC109566	CHUM	215	
HSC1095-66-112-2	HSC109566	CHUM	226	
HSC1095-66-112-3	HSC109566	CHUM	211	
HSC1095-66-112-4	HSC109566	CHUM	227	
HSC1095-66-112-5	HSC109566	CHUM	228	
HSC1095-66-112-6	HSC109566	CHUM	215	
HSC1095-66-112-7	HSC109566	CHUM	235	
HSC1095-66-112-8	HSC109566	CHUM	211	
HSC1095-66-112-9	HSC109566	CHUM	227	
HSC1095-66-112-10	HSC109566	CHUM	222	
HSC1095-66-112-11	HSC109566	CHUM	215	
HSC1095-66-112-12	HSC109566	CHUM	212	
HSC1095-66-112-13	HSC109566	CHUM	214	
HSC1095-66-112-14	HSC109566	CHUM	214	
HSC1095-66-112-15	HSC109566	CHUM	208	
HSC1095-66-112-16	HSC109566	CHUM	225	
HSC1095-66-112-17	HSC109566	CHUM	217	
HSC1095-66-112-18	HSC109566	CHUM	197	
HSC1095-66-112-19	HSC109566	CHUM	229	
HSC1095-66-112-20	HSC109566	CHUM	233	
HSC1095-66-112-21	HSC109566	CHUM	214	
HSC1095-66-112-22	HSC109566	CHUM	221	
HSC1095-66-112-23	HSC109566	CHUM	225	
HSC1095-66-112-24	HSC109566	CHUM	216	
HSC1095-66-112-25	HSC109566	CHUM	214	
HSC1095-66-112-26	HSC109566	CHUM	216	
HSC1095-66-112-27	HSC109566	CHUM	215	
HSC1095-66-112-28	HSC109566	CHUM	217	
HSC1095-66-112-29	HSC109566	CHUM	205	
HSC1095-66-112-30	HSC109566	CHUM	212	
HSC1095-66-112-31	HSC109566	CHUM	195	
HSC1095-66-112-32	HSC109566	CHUM	196	
HSC1095-66-112-33	HSC109566	CHUM	223	
HSC1095-66-112-34	HSC109566	CHUM	228	
HSC1095-66-112-35	HSC109566	CHUM	220	
HSC1095-66-112-36	HSC109566	CHUM	205	
HSC1095-66-112-37	HSC109566	CHUM	198	
HSC1095-66-112-38	HSC109566	CHUM	207	
HSC1095-66-112-39	HSC109566	CHUM	219	
HSC1095-66-112-40	HSC109566	CHUM	208	
HSC1095-66-112-41	HSC109566	CHUM	221	
HSC1095-66-112-42	HSC109566	CHUM	223	
HSC1095-66-112-43	HSC109566	CHUM	209	
HSC1095-66-112-44	HSC109566	CHUM	221	
HSC1095-66-112-45	HSC109566	CHUM	228	
HSC1095-66-112-46	HSC109566	CHUM	222	
HSC1095-66-112-47	HSC109566	CHUM	210	
HSC1095-66-112-48	HSC109566	CHUM	221	
HSC1095-66-112-49	HSC109566	CHUM	216	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork Length (mm)	Sex
HSC1095-66-112-50	HSC109566	CHUM	215	
HSC1095-66-112-51	HSC109566	CHUM	215	
HSC1095-66-112-52	HSC109566	CHUM	211	
HSC1095-66-112-53	HSC109566	CHUM	224	
HSC1095-66-112-54	HSC109566	CHUM	203	
HSC1095-66-112-55	HSC109566	CHUM	224	
HSC1095-66-112-56	HSC109566	CHUM	234	
HSC1095-66-112-57	HSC109566	CHUM	219	
HSC1095-66-112-58	HSC109566	CHUM	208	
HSC1095-66-112-59	HSC109566	CHUM	207	
HSC1095-66-112-60	HSC109566	CHUM	218	
HSC1095-66-112-61	HSC109566	CHUM	191	
HSC1095-66-112-62	HSC109566	CHUM	215	
HSC1095-66-112-63	HSC109566	CHUM	205	
HSC1095-66-112-64	HSC109566	CHUM	205	
HSC1095-66-112-65	HSC109566	CHUM	217	
HSC1095-66-112-66	HSC109566	CHUM	210	
HSC1095-66-112-67	HSC109566	CHUM	213	
HSC1095-66-112-68	HSC109566	CHUM	222	
HSC1095-66-112-69	HSC109566	CHUM	218	
HSC1095-66-112-70	HSC109566	CHUM	225	
HSC1095-66-112-71	HSC109566	CHUM	224	
HSC1095-66-112-72	HSC109566	CHUM	235	
HSC1095-66-112-73	HSC109566	CHUM	219	
HSC1095-66-112-74	HSC109566	CHUM	218	
HSC1095-66-112-75	HSC109566	CHUM	223	
HSC1095-66-112-76	HSC109566	CHUM	230	
HSC1095-66-112-77	HSC109566	CHUM	204	
HSC1095-66-112-78	HSC109566	CHUM	191	
HSC1095-66-112-79	HSC109566	CHUM	211	
HSC1095-66-112-80	HSC109566	CHUM	231	
HSC1095-66-112-81	HSC109566	CHUM	213	
HSC1095-66-112-82	HSC109566	CHUM	215	
HSC1095-66-112-83	HSC109566	CHUM	233	
HSC1095-66-112-84	HSC109566	CHUM	210	
HSC1095-66-112-85	HSC109566	CHUM	212	
HSC1095-66-112-86	HSC109566	CHUM	224	
HSC1095-66-112-87	HSC109566	CHUM	214	
HSC1095-66-112-88	HSC109566	CHUM	227	
HSC1095-66-112-89	HSC109566	CHUM	198	
HSC1095-66-112-90	HSC109566	CHUM	202	
HSC1095-66-112-91	HSC109566	CHUM	210	
HSC1095-66-112-92	HSC109566	CHUM	228	
HSC1095-66-112-93	HSC109566	CHUM	213	
HSC1095-66-112-94	HSC109566	CHUM	230	
HSC1095-66-112-95	HSC109566	CHUM	212	
HSC1095-66-112-96	HSC109566	CHUM	217	
HSC1095-66-112-97	HSC109566	CHUM	217	
HSC1095-66-112-98	HSC109566	CHUM	216	
HSC1095-66-112-99	HSC109566	CHUM	216	
HSC1095-66-112-100	HSC109566	CHUM	221	
HSC1095-66-112-101	HSC109566	CHUM	210	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork Length (mm)	Sex
HSC1095-66-112-102	HSC109566	CHUM	219	
HSC1095-66-112-103	HSC109566	CHUM	210	
HSC1095-66-112-104	HSC109566	CHUM	210	
HSC1095-66-112-105	HSC109566	CHUM	220	
HSC1095-66-112-106	HSC109566	CHUM	207	
HSC1095-66-112-107	HSC109566	CHUM	213	
HSC1095-66-112-108	HSC109566	CHUM	219	
HSC1095-66-112-109	HSC109566	CHUM	210	
HSC1095-66-112-110	HSC109566	CHUM	207	
HSC1095-66-112-111	HSC109566	CHUM	227	
HSC1095-66-112-112	HSC109566	CHUM	218	
HSC1095-66-112-113	HSC109566	CHUM	219	
HSC1095-66-112-114	HSC109566	CHUM	216	
HSC1095-66-112-115	HSC109566	CHUM	208	
HSC1095-66-112-116	HSC109566	CHUM	219	
HSC1095-66-112-117	HSC109566	CHUM	229	
HSC1095-66-112-118	HSC109566	CHUM	218	
HSC1095-66-112-119	HSC109566	CHUM	224	
HSC1095-66-112-1212	HSC109566	CHUM	211	
HSC1095-66-112-1213	HSC109566	CHUM	212	
HSC1095-66-112-1214	HSC109566	CHUM	236	
HSC1095-66-112-1215	HSC109566	CHUM	216	
HSC1095-66-112-1216	HSC109566	CHUM	216	
HSC1095-66-112-1217	HSC109566	CHUM	214	
HSC1095-66-112-1218	HSC109566	CHUM	216	
HSC1095-66-112-1219	HSC109566	CHUM	223	
HSC1095-66-112-1220	HSC109566	CHUM	216	
HSC1095-66-112-1221	HSC109566	CHUM	215	
HSC1095-66-112-1222	HSC109566	CHUM	216	
HSC1095-66-112-1223	HSC109566	CHUM	221	
HSC1095-66-112-1224	HSC109566	CHUM	219	
HSC1095-66-112-1225	HSC109566	CHUM	210	
HSC1095-66-112-1226	HSC109566	CHUM	241	
HSC1095-66-112-1227	HSC109566	CHUM	220	
HSC1095-66-112-1228	HSC109566	CHUM	197	
HSC1095-66-112-1229	HSC109566	CHUM	212	
HSC1095-66-112-1230	HSC109566	CHUM	217	
HSC1095-66-112-1231	HSC109566	CHUM	209	
HSC1095-66-112-1232	HSC109566	CHUM	211	
HSC1095-66-112-1233	HSC109566	CHUM	208	
HSC1095-66-112-1234	HSC109566	CHUM	220	
HSC1095-66-112-1235	HSC109566	CHUM	207	
HSC1095-66-112-1236	HSC109566	CHUM	222	
HSC1095-66-112-1237	HSC109566	CHUM	220	
HSC1095-66-112-1238	HSC109566	CHUM	213	
HSC1095-66-112-1239	HSC109566	CHUM	209	
HSC1095-66-112-1240	HSC109566	CHUM	213	
HSC1095-66-112-1241	HSC109566	CHUM	220	
HSC1095-67-112-1268	HSC109567	CHUM	220	
HSC1095-67-112-1269	HSC109567	CHUM	238	
HSC1095-67-112-1270	HSC109567	CHUM	219	
HSC1095-67-112-1271	HSC109567	CHUM	204	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork Length (mm)	Sex
HSC1095-67-112-1272	HSC109567	CHUM	219	
HSC1095-4-115-45	HSC109504	COHO	341	
HSC1095-5-115-184	HSC109505	COHO	328	
HSC1095-5-115-185	HSC109505	COHO	346	
HSC1095-5-115-186	HSC109505	COHO	296	
HSC1095-12-115-240	HSC109512	COHO	319	
HSC1095-12-115-241	HSC109512	COHO	332	
HSC1095-12-115-242	HSC109512	COHO	303	
HSC1095-12-115-243	HSC109512	COHO	330	
HSC1095-13-115-298	HSC109513	COHO	295	
HSC1095-13-115-327	HSC109513	COHO	330	
HSC1095-14-115-410	HSC109514	COHO	270	
HSC1095-14-115-411	HSC109514	COHO	321	
HSC1095-14-115-415	HSC109514	COHO	270	
HSC1095-15-115-681	HSC109515	COHO	314	
HSC1095-15-115-682	HSC109515	COHO	307	
HSC1095-15-115-683	HSC109515	COHO	312	
HSC1095-15-115-684	HSC109515	COHO	310	
HSC1095-15-115-685	HSC109515	COHO	295	
HSC1095-15-115-686	HSC109515	COHO	314	
HSC1095-15-115-687	HSC109515	COHO	300	
HSC1095-15-115-688	HSC109515	COHO	299	
HSC1095-16-115-730	HSC109516	COHO	313	
HSC1095-16-115-731	HSC109516	COHO	310	
HSC1095-16-115-732	HSC109516	COHO	328	
HSC1095-16-115-733	HSC109516	COHO	310	
HSC1095-16-115-734	HSC109516	COHO	332	
HSC1095-16-115-735	HSC109516	COHO	296	
HSC1095-16-115-736	HSC109516	COHO	305	
HSC1095-16-115-737	HSC109516	COHO	329	
HSC1095-17-115-775	HSC109517	COHO	321	
HSC1095-17-115-776	HSC109517	COHO	312	
HSC1095-17-115-777	HSC109517	COHO	320	
HSC1095-17-115-778	HSC109517	COHO	312	
HSC1095-17-115-779	HSC109517	COHO	304	
HSC1095-17-115-780	HSC109517	COHO	300	
HSC1095-18-115-781	HSC109518	COHO	329	
HSC1095-20-115-1	HSC109520	COHO	335	
HSC1095-20-115-2	HSC109520	COHO	311	
HSC1095-20-115-3	HSC109520	COHO	312	
HSC1095-20-115-4	HSC109520	COHO	304	
HSC1095-20-115-5	HSC109520	COHO	300	
HSC1095-20-115-6	HSC109520	COHO	325	
HSC1095-20-115-7	HSC109520	COHO	333	
HSC1095-20-115-8	HSC109520	COHO	282	
HSC1095-20-115-9	HSC109520	COHO	296	
HSC1095-20-115-10	HSC109520	COHO	298	
HSC1095-20-115-11	HSC109520	COHO	298	
HSC1095-20-115-12	HSC109520	COHO	322	
HSC1095-20-115-13	HSC109520	COHO	320	
HSC1095-20-115-14	HSC109520	COHO	310	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork Length (mm)	Sex
HSC1095-20-115-15	HSC109520	COHO	310	
HSC1095-20-115-16	HSC109520	COHO	288	
HSC1095-20-115-17	HSC109520	COHO	331	
HSC1095-20-115-18	HSC109520	COHO	318	
HSC1095-20-115-19	HSC109520	COHO	312	
HSC1095-20-115-20	HSC109520	COHO	344	
HSC1095-20-115-21	HSC109520	COHO	293	
HSC1095-20-115-22	HSC109520	COHO	334	
HSC1095-20-115-23	HSC109520	COHO	313	
HSC1095-20-115-24	HSC109520	COHO	300	
HSC1095-20-115-25	HSC109520	COHO	305	
HSC1095-20-115-26	HSC109520	COHO	306	
HSC1095-20-115-27	HSC109520	COHO	306	
HSC1095-20-115-28	HSC109520	COHO	314	
HSC1095-20-115-29	HSC109520	COHO	310	
HSC1095-20-115-30	HSC109520	COHO	268	
HSC1095-20-115-31	HSC109520	COHO	305	
HSC1095-20-115-32	HSC109520	COHO	306	
HSC1095-20-115-33	HSC109520	COHO	312	
HSC1095-20-115-34	HSC109520	COHO	312	
HSC1095-20-115-35	HSC109520	COHO	309	
HSC1095-20-115-36	HSC109520	COHO	320	
HSC1095-20-115-37	HSC109520	COHO	334	
HSC1095-20-115-38	HSC109520	COHO	316	
HSC1095-20-115-39	HSC109520	COHO	319	
HSC1095-20-115-40	HSC109520	COHO	314	
HSC1095-20-115-41	HSC109520	COHO	315	
HSC1095-20-115-42	HSC109520	COHO	317	
HSC1095-20-115-43	HSC109520	COHO	330	
HSC1095-20-115-44	HSC109520	COHO	305	
HSC1095-20-115-45	HSC109520	COHO	316	
HSC1095-20-115-46	HSC109520	COHO	295	
HSC1095-20-115-47	HSC109520	COHO	324	
HSC1095-20-115-48	HSC109520	COHO	328	
HSC1095-20-115-49	HSC109520	COHO	311	
HSC1095-20-115-50	HSC109520	COHO	306	
HSC1095-20-115-51	HSC109520	COHO	321	
HSC1095-20-115-52	HSC109520	COHO	321	
HSC1095-20-115-53	HSC109520	COHO	328	
HSC1095-20-115-54	HSC109520	COHO	308	
HSC1095-20-115-55	HSC109520	COHO	321	
HSC1095-20-115-56	HSC109520	COHO	308	
HSC1095-20-115-57	HSC109520	COHO	281	
HSC1095-20-115-58	HSC109520	COHO	290	
HSC1095-20-115-59	HSC109520	COHO	328	
HSC1095-20-115-60	HSC109520	COHO	309	
HSC1095-20-115-61	HSC109520	COHO	332	
HSC1095-20-115-62	HSC109520	COHO	315	
HSC1095-20-115-63	HSC109520	COHO	302	
HSC1095-20-115-64	HSC109520	COHO	313	
HSC1095-20-115-65	HSC109520	COHO	320	
HSC1095-20-115-66	HSC109520	COHO	304	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork Length (mm)	Sex
HSC1095-20-115-67	HSC109520	COHO	318	
HSC1095-20-115-68	HSC109520	COHO	312	
HSC1095-20-115-69	HSC109520	COHO	303	
HSC1095-20-115-70	HSC109520	COHO	310	
HSC1095-20-115-71	HSC109520	COHO	303	
HSC1095-20-115-72	HSC109520	COHO	314	
HSC1095-20-115-73	HSC109520	COHO	273	
HSC1095-20-115-74	HSC109520	COHO	322	
HSC1095-20-115-75	HSC109520	COHO	288	
HSC1095-20-115-76	HSC109520	COHO	304	
HSC1095-20-115-77	HSC109520	COHO	292	
HSC1095-20-115-78	HSC109520	COHO	272	
HSC1095-20-115-79	HSC109520	COHO	289	
HSC1095-20-115-80	HSC109520	COHO	283	
HSC1095-20-115-81	HSC109520	COHO	323	
HSC1095-20-115-82	HSC109520	COHO	302	
HSC1095-20-115-83	HSC109520	COHO	325	
HSC1095-20-115-84	HSC109520	COHO	313	
HSC1095-20-115-85	HSC109520	COHO	303	
HSC1095-20-115-86	HSC109520	COHO	302	
HSC1095-20-115-87	HSC109520	COHO	299	
HSC1095-20-115-88	HSC109520	COHO	313	
HSC1095-20-115-89	HSC109520	COHO	319	
HSC1095-20-115-90	HSC109520	COHO	313	
HSC1095-20-115-91	HSC109520	COHO	322	
HSC1095-20-115-92	HSC109520	COHO	316	
HSC1095-20-115-93	HSC109520	COHO	311	
HSC1095-20-115-94	HSC109520	COHO	302	
HSC1095-20-115-95	HSC109520	COHO	302	
HSC1095-20-115-96	HSC109520	COHO	282	
HSC1095-20-115-97	HSC109520	COHO	318	
HSC1095-20-115-98	HSC109520	COHO	396	
HSC1095-20-115-99	HSC109520	COHO	312	
HSC1095-20-115-100	HSC109520	COHO	318	
HSC1095-20-115-101	HSC109520	COHO	300	
HSC1095-20-115-102	HSC109520	COHO	325	
HSC1095-20-115-103	HSC109520	COHO	314	
HSC1095-20-115-104	HSC109520	COHO	265	
HSC1095-20-115-105	HSC109520	COHO	303	
HSC1095-20-115-106	HSC109520	COHO	288	
HSC1095-20-115-107	HSC109520	COHO	322	
HSC1095-20-115-108	HSC109520	COHO	285	
HSC1095-20-115-109	HSC109520	COHO	306	
HSC1095-20-115-110	HSC109520	COHO	310	
HSC1095-20-115-111	HSC109520	COHO	306	
HSC1095-20-115-112	HSC109520	COHO	316	
HSC1095-20-115-113	HSC109520	COHO	327	
HSC1095-20-115-114	HSC109520	COHO	320	
HSC1095-20-115-115	HSC109520	COHO	302	
HSC1095-20-115-116	HSC109520	COHO	320	
HSC1095-20-115-117	HSC109520	COHO	300	
HSC1095-20-115-118	HSC109520	COHO	317	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork Length (mm)	Sex
HSC1095-20-115-119	HSC109520	COHO	305	
HSC1095-20-115-120	HSC109520	COHO	328	
HSC1095-20-115-121	HSC109520	COHO	293	
HSC1095-20-115-122	HSC109520	COHO	316	
HSC1095-20-115-123	HSC109520	COHO	316	
HSC1095-20-115-124	HSC109520	COHO	290	
HSC1095-20-115-125	HSC109520	COHO	327	
HSC1095-20-115-126	HSC109520	COHO	342	
HSC1095-20-115-127	HSC109520	COHO	288	
HSC1095-20-115-128	HSC109520	COHO	326	
HSC1095-20-115-129	HSC109520	COHO	301	
HSC1095-20-115-130	HSC109520	COHO	320	
HSC1095-20-115-131	HSC109520	COHO	302	
HSC1095-20-115-132	HSC109520	COHO	298	
HSC1095-20-115-133	HSC109520	COHO	298	
HSC1095-20-115-134	HSC109520	COHO	294	
HSC1095-20-115-135	HSC109520	COHO	316	
HSC1095-20-115-136	HSC109520	COHO	285	
HSC1095-20-115-137	HSC109520	COHO	300	
HSC1095-20-115-138	HSC109520	COHO	316	
HSC1095-20-115-139	HSC109520	COHO	312	
HSC1095-20-115-140	HSC109520	COHO	301	
HSC1095-20-115-141	HSC109520	COHO	315	
HSC1095-20-115-142	HSC109520	COHO	312	
HSC1095-20-115-143	HSC109520	COHO	319	
HSC1095-20-115-144	HSC109520	COHO	326	
HSC1095-20-115-145	HSC109520	COHO	322	
HSC1095-20-115-146	HSC109520	COHO	309	
HSC1095-20-115-147	HSC109520	COHO	328	
HSC1095-20-115-148	HSC109520	COHO	319	
HSC1095-20-115-149	HSC109520	COHO	322	
HSC1095-20-115-150	HSC109520	COHO	279	
HSC1095-20-115-151	HSC109520	COHO	284	
HSC1095-20-115-152	HSC109520	COHO	315	
HSC1095-20-115-153	HSC109520	COHO	306	
HSC1095-20-115-154	HSC109520	COHO	361	
HSC1095-20-115-155	HSC109520	COHO	328	
HSC1095-20-115-156	HSC109520	COHO	327	
HSC1095-20-115-157	HSC109520	COHO	282	
HSC1095-20-115-158	HSC109520	COHO	298	
HSC1095-20-115-159	HSC109520	COHO	318	
HSC1095-20-115-160	HSC109520	COHO	295	
HSC1095-20-115-161	HSC109520	COHO	332	
HSC1095-20-115-162	HSC109520	COHO	350	
HSC1095-20-115-163	HSC109520	COHO	290	
HSC1095-20-115-164	HSC109520	COHO	303	
HSC1095-20-115-165	HSC109520	COHO	323	
HSC1095-20-115-166	HSC109520	COHO	302	
HSC1095-20-115-167	HSC109520	COHO	303	
HSC1095-20-115-168	HSC109520	COHO	310	
HSC1095-20-115-169	HSC109520	COHO	310	
HSC1095-20-115-170	HSC109520	COHO	292	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork Length (mm)	Sex
HSC1095-20-115-171	HSC109520	COHO	302	
HSC1095-20-115-172	HSC109520	COHO	299	
HSC1095-20-115-173	HSC109520	COHO	320	
HSC1095-20-115-174	HSC109520	COHO	297	
HSC1095-20-115-175	HSC109520	COHO	374	
HSC1095-20-115-176	HSC109520	COHO	282	
HSC1095-20-115-177	HSC109520	COHO	298	
HSC1095-20-115-178	HSC109520	COHO	312	
HSC1095-20-115-179	HSC109520	COHO	307	
HSC1095-20-115-180	HSC109520	COHO	334	
HSC1095-20-115-181	HSC109520	COHO	306	
HSC1095-20-115-182	HSC109520	COHO	317	
HSC1095-20-115-183	HSC109520	COHO	306	
HSC1095-20-115-184	HSC109520	COHO	332	
HSC1095-20-115-185	HSC109520	COHO	309	
HSC1095-20-115-186	HSC109520	COHO	309	
HSC1095-20-115-187	HSC109520	COHO	312	
HSC1095-20-115-188	HSC109520	COHO	368	
HSC1095-20-115-189	HSC109520	COHO	295	
HSC1095-20-115-190	HSC109520	COHO	297	
HSC1095-20-115-191	HSC109520	COHO	313	
HSC1095-20-115-192	HSC109520	COHO	340	
HSC1095-20-115-193	HSC109520	COHO	323	
HSC1095-20-115-194	HSC109520	COHO	290	
HSC1095-20-115-195	HSC109520	COHO	284	
HSC1095-20-115-196	HSC109520	COHO	305	
HSC1095-20-115-197	HSC109520	COHO	328	
HSC1095-20-115-198	HSC109520	COHO	307	
HSC1095-20-115-199	HSC109520	COHO	290	
HSC1095-20-115-200	HSC109520	COHO	324	
HSC1095-20-115-201	HSC109520	COHO	299	
HSC1095-20-115-202	HSC109520	COHO	306	
HSC1095-20-115-203	HSC109520	COHO	307	
HSC1095-20-115-204	HSC109520	COHO	326	
HSC1095-20-115-205	HSC109520	COHO	310	
HSC1095-20-115-206	HSC109520	COHO	278	
HSC1095-20-115-207	HSC109520	COHO	320	
HSC1095-20-115-208	HSC109520	COHO	327	
HSC1095-20-115-209	HSC109520	COHO	281	
HSC1095-20-115-210	HSC109520	COHO	302	
HSC1095-20-115-211	HSC109520	COHO	314	
HSC1095-20-115-212	HSC109520	COHO	340	
HSC1095-20-115-213	HSC109520	COHO	302	
HSC1095-20-115-214	HSC109520	COHO	302	
HSC1095-20-115-215	HSC109520	COHO	303	
HSC1095-20-115-216	HSC109520	COHO	292	
HSC1095-20-115-217	HSC109520	COHO	340	
HSC1095-20-115-218	HSC109520	COHO	309	
HSC1095-20-115-219	HSC109520	COHO	300	
HSC1095-20-115-220	HSC109520	COHO	291	
HSC1095-20-115-221	HSC109520	COHO	303	
HSC1095-20-115-222	HSC109520	COHO	287	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork Length (mm)	Sex
HSC1095-20-115-223	HSC109520	COHO	300	
HSC1095-20-115-224	HSC109520	COHO	311	
HSC1095-20-115-225	HSC109520	COHO	318	
HSC1095-20-115-226	HSC109520	COHO	336	
HSC1095-20-115-227	HSC109520	COHO	317	
HSC1095-20-115-228	HSC109520	COHO	342	
HSC1095-20-115-229	HSC109520	COHO	311	
HSC1095-20-115-230	HSC109520	COHO	299	
HSC1095-20-115-231	HSC109520	COHO	326	
HSC1095-20-115-232	HSC109520	COHO	335	
HSC1095-20-115-233	HSC109520	COHO	293	
HSC1095-20-115-234	HSC109520	COHO	302	
HSC1095-20-115-235	HSC109520	COHO	329	
HSC1095-20-115-236	HSC109520	COHO	336	
HSC1095-20-115-237	HSC109520	COHO	263	
HSC1095-20-115-238	HSC109520	COHO	340	
HSC1095-20-115-239	HSC109520	COHO	384	
HSC1095-20-115-240	HSC109520	COHO	298	
HSC1095-20-115-241	HSC109520	COHO	318	
HSC1095-20-115-242	HSC109520	COHO	308	
HSC1095-20-115-243	HSC109520	COHO	318	
HSC1095-20-115-244	HSC109520	COHO	307	
HSC1095-20-115-245	HSC109520	COHO	314	
HSC1095-20-115-246	HSC109520	COHO	324	
HSC1095-20-115-247	HSC109520	COHO	336	
HSC1095-20-115-248	HSC109520	COHO	312	
HSC1095-20-115-249	HSC109520	COHO	304	
HSC1095-20-115-250	HSC109520	COHO	294	
HSC1095-20-115-251	HSC109520	COHO	309	
HSC1095-20-115-252	HSC109520	COHO	304	
HSC1095-20-115-253	HSC109520	COHO	324	
HSC1095-20-115-254	HSC109520	COHO	355	
HSC1095-20-115-255	HSC109520	COHO	321	
HSC1095-20-115-256	HSC109520	COHO	317	
HSC1095-20-115-257	HSC109520	COHO	295	
HSC1095-20-115-258	HSC109520	COHO	310	
HSC1095-20-115-259	HSC109520	COHO	340	
HSC1095-20-115-260	HSC109520	COHO	316	
HSC1095-20-115-261	HSC109520	COHO	312	
HSC1095-20-115-262	HSC109520	COHO	308	
HSC1095-20-115-263	HSC109520	COHO	322	
HSC1095-20-115-264	HSC109520	COHO	314	
HSC1095-20-115-265	HSC109520	COHO	300	
HSC1095-20-115-266	HSC109520	COHO	278	
HSC1095-20-115-267	HSC109520	COHO	324	
HSC1095-20-115-268	HSC109520	COHO	311	
HSC1095-20-115-269	HSC109520	COHO	298	
HSC1095-20-115-270	HSC109520	COHO	294	
HSC1095-20-115-271	HSC109520	COHO	319	
HSC1095-20-115-272	HSC109520	COHO	321	
HSC1095-20-115-273	HSC109520	COHO	314	
HSC1095-20-115-274	HSC109520	COHO	343	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork Length (mm)	Sex
HSC1095-20-115-275	HSC109520	COHO	303	
HSC1095-20-115-276	HSC109520	COHO	320	
HSC1095-20-115-277	HSC109520	COHO	305	
HSC1095-20-115-278	HSC109520	COHO	310	
HSC1095-20-115-279	HSC109520	COHO	301	
HSC1095-20-115-280	HSC109520	COHO	321	
HSC1095-20-115-281	HSC109520	COHO	308	
HSC1095-20-115-282	HSC109520	COHO	310	
HSC1095-20-115-283	HSC109520	COHO	322	
HSC1095-20-115-284	HSC109520	COHO	298	
HSC1095-20-115-285	HSC109520	COHO	330	
HSC1095-20-115-286	HSC109520	COHO	302	
HSC1095-20-115-287	HSC109520	COHO	314	
HSC1095-20-115-288	HSC109520	COHO	299	
HSC1095-20-115-289	HSC109520	COHO	298	
HSC1095-20-115-290	HSC109520	COHO	340	
HSC1095-20-115-291	HSC109520	COHO	311	
HSC1095-20-115-292	HSC109520	COHO	324	
HSC1095-20-115-293	HSC109520	COHO	295	
HSC1095-20-115-294	HSC109520	COHO	310	
HSC1095-20-115-295	HSC109520	COHO	297	
HSC1095-20-115-296	HSC109520	COHO	309	
HSC1095-20-115-297	HSC109520	COHO	331	
HSC1095-20-115-298	HSC109520	COHO	316	
HSC1095-20-115-299	HSC109520	COHO	315	
HSC1095-20-115-300	HSC109520	COHO	322	
HSC1095-20-115-301	HSC109520	COHO	289	
HSC1095-20-115-302	HSC109520	COHO	312	
HSC1095-20-115-303	HSC109520	COHO	295	
HSC1095-20-115-304	HSC109520	COHO	305	
HSC1095-20-115-305	HSC109520	COHO	304	
HSC1095-20-115-306	HSC109520	COHO	318	
HSC1095-20-115-307	HSC109520	COHO	324	
HSC1095-20-115-308	HSC109520	COHO	313	
HSC1095-20-115-309	HSC109520	COHO	309	
HSC1095-20-115-310	HSC109520	COHO	308	
HSC1095-20-115-311	HSC109520	COHO	302	
HSC1095-20-115-312	HSC109520	COHO	310	
HSC1095-20-115-313	HSC109520	COHO	292	
HSC1095-20-115-314	HSC109520	COHO	314	
HSC1095-20-115-315	HSC109520	COHO	344	
HSC1095-20-115-316	HSC109520	COHO	333	
HSC1095-20-115-317	HSC109520	COHO	338	
HSC1095-20-115-318	HSC109520	COHO	392	
HSC1095-20-115-319	HSC109520	COHO	314	
HSC1095-20-115-320	HSC109520	COHO	308	
HSC1095-20-115-321	HSC109520	COHO	290	
HSC1095-20-115-322	HSC109520	COHO	320	
HSC1095-20-115-323	HSC109520	COHO	317	
HSC1095-20-115-324	HSC109520	COHO	311	
HSC1095-20-115-325	HSC109520	COHO	306	
HSC1095-20-115-326	HSC109520	COHO	321	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork Length (mm)	Sex
HSC1095-20-115-327	HSC109520	COHO	310	
HSC1095-20-115-328	HSC109520	COHO	320	
HSC1095-20-115-329	HSC109520	COHO	332	
HSC1095-20-115-330	HSC109520	COHO	368	
HSC1095-20-115-331	HSC109520	COHO	293	
HSC1095-20-115-332	HSC109520	COHO	306	
HSC1095-20-115-333	HSC109520	COHO	310	
HSC1095-20-115-334	HSC109520	COHO	312	
HSC1095-20-115-335	HSC109520	COHO	325	
HSC1095-20-115-336	HSC109520	COHO	322	
HSC1095-20-115-337	HSC109520	COHO	311	
HSC1095-20-115-338	HSC109520	COHO	314	
HSC1095-20-115-339	HSC109520	COHO	293	
HSC1095-20-115-340	HSC109520	COHO	316	
HSC1095-20-115-341	HSC109520	COHO	296	
HSC1095-20-115-342	HSC109520	COHO	312	
HSC1095-20-115-343	HSC109520	COHO	317	
HSC1095-20-115-344	HSC109520	COHO	302	
HSC1095-20-115-345	HSC109520	COHO	284	
HSC1095-20-115-346	HSC109520	COHO	303	
HSC1095-20-115-347	HSC109520	COHO	320	
HSC1095-20-115-348	HSC109520	COHO	302	
HSC1095-20-115-349	HSC109520	COHO	325	
HSC1095-20-115-350	HSC109520	COHO	328	
HSC1095-20-115-351	HSC109520	COHO	297	
HSC1095-20-115-352	HSC109520	COHO	325	
HSC1095-20-115-353	HSC109520	COHO	283	
HSC1095-20-115-354	HSC109520	COHO	321	
HSC1095-20-115-355	HSC109520	COHO	318	
HSC1095-20-115-356	HSC109520	COHO	321	
HSC1095-20-115-357	HSC109520	COHO	302	
HSC1095-20-115-358	HSC109520	COHO	290	
HSC1095-20-115-359	HSC109520	COHO	309	
HSC1095-20-115-360	HSC109520	COHO	300	
HSC1095-20-115-361	HSC109520	COHO	298	
HSC1095-20-115-362	HSC109520	COHO	317	
HSC1095-20-115-363	HSC109520	COHO	288	
HSC1095-20-115-364	HSC109520	COHO	318	
HSC1095-20-115-365	HSC109520	COHO	271	
HSC1095-20-115-366	HSC109520	COHO	320	
HSC1095-20-115-367	HSC109520	COHO	290	
HSC1095-20-115-368	HSC109520	COHO	309	
HSC1095-20-115-369	HSC109520	COHO	324	
HSC1095-20-115-370	HSC109520	COHO	310	
HSC1095-20-115-371	HSC109520	COHO	313	
HSC1095-20-115-372	HSC109520	COHO	309	
HSC1095-20-115-373	HSC109520	COHO	344	
HSC1095-20-115-374	HSC109520	COHO	332	
HSC1095-20-115-375	HSC109520	COHO	322	
HSC1095-20-115-376	HSC109520	COHO	366	
HSC1095-20-115-377	HSC109520	COHO	348	
HSC1095-20-115-378	HSC109520	COHO	294	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork Length (mm)	Sex
HSC1095-20-115-379	HSC109520	COHO	328	
HSC1095-20-115-380	HSC109520	COHO	276	
HSC1095-20-115-381	HSC109520	COHO	284	
HSC1095-20-115-382	HSC109520	COHO	295	
HSC1095-20-115-383	HSC109520	COHO	320	
HSC1095-20-115-384	HSC109520	COHO	314	
HSC1095-20-115-385	HSC109520	COHO	314	
HSC1095-20-115-386	HSC109520	COHO	297	
HSC1095-20-115-387	HSC109520	COHO	295	
HSC1095-20-115-388	HSC109520	COHO	306	
HSC1095-20-115-389	HSC109520	COHO	320	
HSC1095-20-115-390	HSC109520	COHO	314	
HSC1095-20-115-391	HSC109520	COHO	307	
HSC1095-20-115-392	HSC109520	COHO	320	
HSC1095-20-115-393	HSC109520	COHO	277	
HSC1095-20-115-394	HSC109520	COHO	309	
HSC1095-20-115-395	HSC109520	COHO	310	
HSC1095-20-115-396	HSC109520	COHO	321	
HSC1095-20-115-397	HSC109520	COHO	322	
HSC1095-20-115-398	HSC109520	COHO	297	
HSC1095-20-115-399	HSC109520	COHO	312	
HSC1095-20-115-400	HSC109520	COHO	290	
HSC1095-20-115-401	HSC109520	COHO	313	
HSC1095-20-115-402	HSC109520	COHO	310	
HSC1095-20-115-403	HSC109520	COHO	312	
HSC1095-20-115-404	HSC109520	COHO	314	
HSC1095-20-115-405	HSC109520	COHO	329	
HSC1095-20-115-406	HSC109520	COHO	325	
HSC1095-20-115-407	HSC109520	COHO	309	
HSC1095-20-115-408	HSC109520	COHO	303	
HSC1095-20-115-409	HSC109520	COHO	304	
HSC1095-20-115-410	HSC109520	COHO	295	
HSC1095-20-115-411	HSC109520	COHO	277	
HSC1095-20-115-412	HSC109520	COHO	353	
HSC1095-20-115-413	HSC109520	COHO	316	
HSC1095-20-115-414	HSC109520	COHO	316	
HSC1095-20-115-415	HSC109520	COHO	316	
HSC1095-20-115-416	HSC109520	COHO	306	
HSC1095-20-115-417	HSC109520	COHO	312	
HSC1095-20-115-418	HSC109520	COHO	308	
HSC1095-20-115-419	HSC109520	COHO	315	
HSC1095-20-115-420	HSC109520	COHO	344	
HSC1095-20-115-421	HSC109520	COHO	310	
HSC1095-20-115-422	HSC109520	COHO	301	
HSC1095-20-115-423	HSC109520	COHO	311	
HSC1095-20-115-424	HSC109520	COHO	321	
HSC1095-20-115-425	HSC109520	COHO	311	
HSC1095-20-115-426	HSC109520	COHO	307	
HSC1095-20-115-427	HSC109520	COHO	321	
HSC1095-20-115-428	HSC109520	COHO	304	
HSC1095-20-115-429	HSC109520	COHO	283	
HSC1095-20-115-430	HSC109520	COHO	354	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork Length (mm)	Sex
HSC1095-20-115-431	HSC109520	COHO	310	
HSC1095-20-115-432	HSC109520	COHO	314	
HSC1095-20-115-433	HSC109520	COHO	316	
HSC1095-20-115-434	HSC109520	COHO	311	
HSC1095-20-115-435	HSC109520	COHO	301	
HSC1095-20-115-436	HSC109520	COHO	330	
HSC1095-20-115-437	HSC109520	COHO	307	
HSC1095-20-115-438	HSC109520	COHO	280	
HSC1095-20-115-439	HSC109520	COHO	302	
HSC1095-20-115-440	HSC109520	COHO	318	
HSC1095-20-115-441	HSC109520	COHO	303	
HSC1095-20-115-442	HSC109520	COHO	315	
HSC1095-20-115-443	HSC109520	COHO	316	
HSC1095-20-115-444	HSC109520	COHO	335	
HSC1095-20-115-445	HSC109520	COHO	303	
HSC1095-20-115-446	HSC109520	COHO	311	
HSC1095-20-115-447	HSC109520	COHO	340	
HSC1095-20-115-448	HSC109520	COHO	344	
HSC1095-20-115-449	HSC109520	COHO	310	
HSC1095-20-115-450	HSC109520	COHO	312	
HSC1095-20-115-451	HSC109520	COHO	295	
HSC1095-20-115-452	HSC109520	COHO	313	
HSC1095-20-115-453	HSC109520	COHO	306	
HSC1095-20-115-454	HSC109520	COHO	295	
HSC1095-20-115-455	HSC109520	COHO	320	
HSC1095-20-115-456	HSC109520	COHO	347	
HSC1095-20-115-457	HSC109520	COHO	282	
HSC1095-20-115-458	HSC109520	COHO	298	
HSC1095-20-115-459	HSC109520	COHO	328	
HSC1095-20-115-460	HSC109520	COHO	290	
HSC1095-20-115-461	HSC109520	COHO	303	
HSC1095-20-115-462	HSC109520	COHO	323	
HSC1095-20-115-463	HSC109520	COHO	321	
HSC1095-20-115-464	HSC109520	COHO	292	
HSC1095-20-115-465	HSC109520	COHO	288	
HSC1095-20-115-466	HSC109520	COHO	326	
HSC1095-20-115-467	HSC109520	COHO	282	
HSC1095-20-115-468	HSC109520	COHO	323	
HSC1095-20-115-469	HSC109520	COHO	360	
HSC1095-20-115-470	HSC109520	COHO	325	
HSC1095-20-115-471	HSC109520	COHO	322	
HSC1095-20-115-472	HSC109520	COHO	310	
HSC1095-20-115-473	HSC109520	COHO	307	
HSC1095-20-115-474	HSC109520	COHO	313	
HSC1095-20-115-475	HSC109520	COHO	331	
HSC1095-20-115-476	HSC109520	COHO	322	
HSC1095-20-115-477	HSC109520	COHO	328	
HSC1095-20-115-478	HSC109520	COHO	291	
HSC1095-20-115-479	HSC109520	COHO	309	
HSC1095-20-115-480	HSC109520	COHO	295	
HSC1095-20-115-481	HSC109520	COHO	304	
HSC1095-20-115-482	HSC109520	COHO	358	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork Length (mm)	Sex
HSC1095-20-115-483	HSC109520	COHO	315	
HSC1095-20-115-484	HSC109520	COHO	314	
HSC1095-20-115-485	HSC109520	COHO	342	
HSC1095-20-115-486	HSC109520	COHO	N/A	
HSC1095-20-115-786	HSC109520	COHO	307	
HSC1095-20-115-787	HSC109520	COHO	329	
HSC1095-20-115-788	HSC109520	COHO	369	
HSC1095-20-115-789	HSC109520	COHO	313	
HSC1095-20-115-790	HSC109520	COHO	316	
HSC1095-20-115-791	HSC109520	COHO	292	
HSC1095-20-115-792	HSC109520	COHO	351	
HSC1095-20-115-793	HSC109520	COHO	312	
HSC1095-20-115-794	HSC109520	COHO	287	
HSC1095-20-115-795	HSC109520	COHO	313	
HSC1095-21-115-822	HSC109521	COHO	301	
HSC1095-21-115-823	HSC109521	COHO	290	
HSC1095-21-115-824	HSC109521	COHO	345	
HSC1095-21-115-825	HSC109521	COHO	303	
HSC1095-21-115-826	HSC109521	COHO	302	
HSC1095-21-115-827	HSC109521	COHO	354	
HSC1095-21-115-828	HSC109521	COHO	312	
HSC1095-21-115-829	HSC109521	COHO	330	
HSC1095-21-115-830	HSC109521	COHO	324	
HSC1095-21-115-831	HSC109521	COHO	303	
HSC1095-21-115-832	HSC109521	COHO	319	
HSC1095-21-115-833	HSC109521	COHO	329	
HSC1095-21-115-834	HSC109521	COHO	306	
HSC1095-21-115-855	HSC109521	COHO	307	
HSC1095-21-115-856	HSC109521	COHO	315	
HSC1095-21-115-857	HSC109521	COHO	320	
HSC1095-21-115-858	HSC109521	COHO	291	
HSC1095-22-115-884	HSC109522	COHO	312	
HSC1095-22-115-885	HSC109522	COHO	320	
HSC1095-22-115-886	HSC109522	COHO	329	
HSC1095-23-115-933	HSC109523	COHO	302	
HSC1095-23-115-934	HSC109523	COHO	342	
HSC1095-23-115-935	HSC109523	COHO	440	
HSC1095-23-115-936	HSC109523	COHO	315	
HSC1095-23-115-937	HSC109523	COHO	300	
HSC1095-23-115-938	HSC109523	COHO	332	
HSC1095-23-115-939	HSC109523	COHO	304	
HSC1095-23-115-940	HSC109523	COHO	322	
HSC1095-23-115-941	HSC109523	COHO	285	
HSC1095-23-115-942	HSC109523	COHO	308	
HSC1095-24-115-1	HSC109524	COHO	302	
HSC1095-24-115-2	HSC109524	COHO	313	
HSC1095-24-115-3	HSC109524	COHO	330	
HSC1095-24-115-4	HSC109524	COHO	310	
HSC1095-24-115-5	HSC109524	COHO	334	
HSC1095-24-115-6	HSC109524	COHO	332	
HSC1095-24-115-7	HSC109524	COHO	302	
HSC1095-24-115-8	HSC109524	COHO	310	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork	Sex
			Length (mm)	
HSC1095-24-115-961	HSC109524	COHO	292	
HSC1095-24-115-962	HSC109524	COHO	346	
HSC1095-24-115-963	HSC109524	COHO	353	
HSC1095-24-115-964	HSC109524	COHO	328	
HSC1095-24-115-965	HSC109524	COHO	341	
HSC1095-24-115-966	HSC109524	COHO	332	
HSC1095-24-115-967	HSC109524	COHO	303	
HSC1095-24-115-968	HSC109524	COHO	303	
HSC1095-24-115-969	HSC109524	COHO	335	
HSC1095-24-115-970	HSC109524	COHO	328	
HSC1095-24-115-971	HSC109524	COHO	303	
HSC1095-24-115-972	HSC109524	COHO	365	
HSC1095-24-115-973	HSC109524	COHO	340	
HSC1095-24-115-974	HSC109524	COHO	330	
HSC1095-24-115-975	HSC109524	COHO	339	
HSC1095-24-115-976	HSC109524	COHO	299	
HSC1095-24-115-977	HSC109524	COHO	346	
HSC1095-24-115-978	HSC109524	COHO	335	
HSC1095-24-115-979	HSC109524	COHO	346	
HSC1095-24-115-980	HSC109524	COHO	336	
HSC1095-24-115-981	HSC109524	COHO	318	
HSC1095-24-115-982	HSC109524	COHO	283	
HSC1095-24-115-983	HSC109524	COHO	335	
HSC1095-24-115-984	HSC109524	COHO	321	
HSC1095-24-115-985	HSC109524	COHO	315	
HSC1095-25-115-993	HSC109525	COHO	342	
HSC1095-25-115-994	HSC109525	COHO	312	
HSC1095-26-115-1009	HSC109526	COHO	285	
HSC1095-29-115-1064	HSC109529	COHO	302	
HSC1095-29-115-1065	HSC109529	COHO	312	
HSC1095-29-115-1066	HSC109529	COHO	306	
HSC1095-29-115-1067	HSC109529	COHO	303	
HSC1095-29-115-1068	HSC109529	COHO	329	
HSC1095-29-115-1069	HSC109529	COHO	357	
HSC1095-29-115-1070	HSC109529	COHO	301	
HSC1095-29-115-1071	HSC109529	COHO	298	
HSC1095-29-115-1072	HSC109529	COHO	346	
HSC1095-29-115-1073	HSC109529	COHO	313	
HSC1095-29-115-1074	HSC109529	COHO	314	
HSC1095-29-115-1075	HSC109529	COHO	294	
HSC1095-30-115-1090	HSC109530	COHO	352	
HSC1095-30-115-1091	HSC109530	COHO	330	
HSC1095-30-115-1092	HSC109530	COHO	308	
HSC1095-30-115-1093	HSC109530	COHO	305	
HSC1095-30-115-1094	HSC109530	COHO	315	
HSC1095-30-115-1095	HSC109530	COHO	315	
HSC1095-30-115-1096	HSC109530	COHO	307	
HSC1095-30-115-1097	HSC109530	COHO	316	
HSC1095-30-115-1098	HSC109530	COHO	303	
HSC1095-30-115-1099	HSC109530	COHO	287	
HSC1095-30-115-1100	HSC109530	COHO	283	
HSC1095-30-115-1101	HSC109530	COHO	284	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork Length (mm)	Sex
HSC1095-30-115-1102	HSC109530	COHO	299	
HSC1095-30-115-1103	HSC109530	COHO	305	
HSC1095-31-115-1107	HSC109531	COHO	302	
HSC1095-33-115-1110	HSC109533	COHO	281	
HSC1095-67-115-1273	HSC109567	COHO	304	
HSC1095-67-115-1274	HSC109567	COHO	295	
HSC1095-67-115-1275	HSC109567	COHO	297	
HSC1095-67-115-1276	HSC109567	COHO	298	
HSC1095-67-115-1277	HSC109567	COHO	267	
HSC1095-68-115-1278	HSC109568	COHO	338	
HSC1095-2-108-2	HSC109502	PINK	227	M
HSC1095-2-108-3	HSC109502	PINK	219	F
HSC1095-2-108-4	HSC109502	PINK	196	
HSC1095-2-108-5	HSC109502	PINK	207	
HSC1095-3-108-8	HSC109503	PINK	245	F
HSC1095-3-108-9	HSC109503	PINK	225	M
HSC1095-3-108-10	HSC109503	PINK	234	M
HSC1095-3-108-11	HSC109503	PINK	216	
HSC1095-3-108-12	HSC109503	PINK	236	
HSC1095-3-108-13	HSC109503	PINK	210	
HSC1095-3-108-14	HSC109503	PINK	230	
HSC1095-3-108-15	HSC109503	PINK	229	
HSC1095-3-108-16	HSC109503	PINK	230	
HSC1095-3-108-17	HSC109503	PINK	222	
HSC1095-3-108-18	HSC109503	PINK	195	
HSC1095-3-108-19	HSC109503	PINK	256	
HSC1095-3-108-20	HSC109503	PINK	222	
HSC1095-4-108-27	HSC109504	PINK	172	
HSC1095-4-108-28	HSC109504	PINK	240	
HSC1095-4-108-29	HSC109504	PINK	216	
HSC1095-4-108-30	HSC109504	PINK	223	
HSC1095-4-108-31	HSC109504	PINK	277	
HSC1095-4-108-32	HSC109504	PINK	231	
HSC1095-5-108-43B	HSC109505	PINK	178	
HSC1095-5-108-44B	HSC109505	PINK	210	
HSC1095-5-108-45B	HSC109505	PINK	242	
HSC1095-5-108-46B	HSC109505	PINK	207	
HSC1095-5-108-47B	HSC109505	PINK	207	
HSC1095-5-108-48	HSC109505	PINK	211	
HSC1095-5-108-49	HSC109505	PINK	221	
HSC1095-5-108-50	HSC109505	PINK	198	
HSC1095-5-108-51	HSC109505	PINK	209	
HSC1095-5-108-52	HSC109505	PINK	210	
HSC1095-5-108-53	HSC109505	PINK	196	
HSC1095-5-108-54	HSC109505	PINK	221	
HSC1095-5-108-55	HSC109505	PINK	203	
HSC1095-5-108-56	HSC109505	PINK	199	
HSC1095-5-108-57	HSC109505	PINK	222	
HSC1095-5-108-58	HSC109505	PINK	223	
HSC1095-5-108-59	HSC109505	PINK	218	
HSC1095-5-108-60	HSC109505	PINK	236	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork Length (mm)	Sex
HSC1095-5-108-61	HSC109505	PINK	223	
HSC1095-5-108-62	HSC109505	PINK	203	
HSC1095-5-108-63	HSC109505	PINK	219	
HSC1095-5-108-64	HSC109505	PINK	222	
HSC1095-5-108-65	HSC109505	PINK	220	
HSC1095-5-108-66	HSC109505	PINK	221	
HSC1095-5-108-67	HSC109505	PINK	225	
HSC1095-5-108-68	HSC109505	PINK	221	
HSC1095-5-108-69	HSC109505	PINK	195	
HSC1095-5-108-70	HSC109505	PINK	190	
HSC1095-5-108-71	HSC109505	PINK	194	
HSC1095-5-108-72	HSC109505	PINK	194	
HSC1095-5-108-73	HSC109505	PINK	242	
HSC1095-5-108-74	HSC109505	PINK	265	
HSC1095-5-108-75	HSC109505	PINK	190	
HSC1095-5-108-76	HSC109505	PINK	224	
HSC1095-5-108-77	HSC109505	PINK	225	
HSC1095-5-108-78	HSC109505	PINK	226	
HSC1095-5-108-79	HSC109505	PINK	218	
HSC1095-5-108-80	HSC109505	PINK	232	
HSC1095-5-108-81	HSC109505	PINK	220	
HSC1095-5-108-82	HSC109505	PINK	202	
HSC1095-5-108-83	HSC109505	PINK	220	
HSC1095-5-108-84	HSC109505	PINK	204	
HSC1095-5-108-85	HSC109505	PINK	246	
HSC1095-5-108-86	HSC109505	PINK	225	
HSC1095-5-108-87	HSC109505	PINK	209	
HSC1095-5-108-88	HSC109505	PINK	224	
HSC1095-5-108-89	HSC109505	PINK	226	
HSC1095-5-108-90	HSC109505	PINK	212	
HSC1095-5-108-91	HSC109505	PINK	205	
HSC1095-5-108-92	HSC109505	PINK	227	
HSC1095-5-108-93	HSC109505	PINK	202	
HSC1095-5-108-94	HSC109505	PINK	204	
HSC1095-5-108-95	HSC109505	PINK	208	
HSC1095-5-108-96	HSC109505	PINK	219	
HSC1095-5-108-97	HSC109505	PINK	210	
HSC1095-5-108-98	HSC109505	PINK	221	
HSC1095-5-108-99	HSC109505	PINK	225	
HSC1095-5-108-100	HSC109505	PINK	192	
HSC1095-5-108-101	HSC109505	PINK	235	
HSC1095-5-108-102	HSC109505	PINK	212	
HSC1095-5-108-103	HSC109505	PINK	206	
HSC1095-5-108-104	HSC109505	PINK	218	
HSC1095-5-108-105	HSC109505	PINK	226	
HSC1095-5-108-106	HSC109505	PINK	225	
HSC1095-5-108-107	HSC109505	PINK	201	
HSC1095-5-108-108	HSC109505	PINK	200	
HSC1095-5-108-109	HSC109505	PINK	212	
HSC1095-5-108-110	HSC109505	PINK	210	
HSC1095-5-108-111	HSC109505	PINK	205	
HSC1095-5-108-112	HSC109505	PINK	206	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork Length (mm)	Sex
HSC1095-5-108-113	HSC109505	PINK	254	
HSC1095-5-108-114	HSC109505	PINK	200	
HSC1095-5-108-115	HSC109505	PINK	225	
HSC1095-5-108-116	HSC109505	PINK	225	
HSC1095-5-108-117	HSC109505	PINK	222	
HSC1095-5-108-118	HSC109505	PINK	215	
HSC1095-5-108-119	HSC109505	PINK	217	
HSC1095-5-108-120	HSC109505	PINK	198	
HSC1095-5-108-121	HSC109505	PINK	222	
HSC1095-5-108-122	HSC109505	PINK	217	
HSC1095-5-108-123	HSC109505	PINK	210	
HSC1095-5-108-124	HSC109505	PINK	199	
HSC1095-5-108-125	HSC109505	PINK	208	
HSC1095-5-108-126	HSC109505	PINK	210	
HSC1095-5-108-127	HSC109505	PINK	203	
HSC1095-5-108-128	HSC109505	PINK	211	
HSC1095-5-108-129	HSC109505	PINK	215	
HSC1095-5-108-130	HSC109505	PINK	210	
HSC1095-5-108-131	HSC109505	PINK	207	
HSC1095-5-108-132	HSC109505	PINK	216	
HSC1095-5-108-133	HSC109505	PINK	216	
HSC1095-5-108-134	HSC109505	PINK	214	
HSC1095-5-108-135	HSC109505	PINK	214	
HSC1095-5-108-136	HSC109505	PINK	222	
HSC1095-5-108-137	HSC109505	PINK	224	
HSC1095-5-108-138	HSC109505	PINK	210	
HSC1095-5-108-139	HSC109505	PINK	210	
HSC1095-5-108-140	HSC109505	PINK	231	
HSC1095-5-108-141	HSC109505	PINK	205	
HSC1095-5-108-142	HSC109505	PINK	208	
HSC1095-5-108-143	HSC109505	PINK	209	
HSC1095-5-108-144	HSC109505	PINK	227	
HSC1095-5-108-145	HSC109505	PINK	220	
HSC1095-5-108-146	HSC109505	PINK	198	
HSC1095-5-108-147	HSC109505	PINK	220	
HSC1095-5-108-148	HSC109505	PINK	210	
HSC1095-5-108-149	HSC109505	PINK	211	
HSC1095-5-108-150	HSC109505	PINK	250	
HSC1095-5-108-151	HSC109505	PINK	211	
HSC1095-5-108-152	HSC109505	PINK	197	
HSC1095-5-108-153	HSC109505	PINK	214	
HSC1095-5-108-154	HSC109505	PINK	182	
HSC1095-5-108-155	HSC109505	PINK	219	
HSC1095-5-108-156	HSC109505	PINK	225	
HSC1095-5-108-157	HSC109505	PINK	211	
HSC1095-12-108-234	HSC109512	PINK	247	
HSC1095-12-108-235	HSC109512	PINK	236	
HSC1095-12-108-236	HSC109512	PINK	232	
HSC1095-12-108-237	HSC109512	PINK	271	
HSC1095-12-108-238	HSC109512	PINK	256	
HSC1095-12-108-239	HSC109512	PINK	214	
HSC1095-13-108-253	HSC109513	PINK	287	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork	Sex
			Length (mm)	
HSC1095-13-108-254	HSC109513	PINK	254	
HSC1095-13-108-255	HSC109513	PINK	266	
HSC1095-13-108-256	HSC109513	PINK	274	
HSC1095-13-108-257	HSC109513	PINK	222	
HSC1095-13-108-258	HSC109513	PINK	295	
HSC1095-13-108-259	HSC109513	PINK	256	
HSC1095-13-108-260	HSC109513	PINK	212	
HSC1095-13-108-261	HSC109513	PINK	245	
HSC1095-13-108-262	HSC109513	PINK	245	
HSC1095-13-108-263	HSC109513	PINK	230	
HSC1095-13-108-264	HSC109513	PINK	218	
HSC1095-13-108-265	HSC109513	PINK	221	
HSC1095-13-108-266	HSC109513	PINK	208	
HSC1095-13-108-267	HSC109513	PINK	216	
HSC1095-13-108-268	HSC109513	PINK	225	
HSC1095-13-108-269	HSC109513	PINK	230	
HSC1095-13-108-270	HSC109513	PINK	215	
HSC1095-13-108-271	HSC109513	PINK	220	
HSC1095-13-108-272	HSC109513	PINK	208	
HSC1095-13-108-273	HSC109513	PINK	216	
HSC1095-13-108-274	HSC109513	PINK	220	
HSC1095-13-108-275	HSC109513	PINK	217	
HSC1095-13-108-276	HSC109513	PINK	227	
HSC1095-13-108-277	HSC109513	PINK	206	
HSC1095-13-108-278	HSC109513	PINK	226	
HSC1095-13-108-279	HSC109513	PINK	230	
HSC1095-13-108-280	HSC109513	PINK	226	
HSC1095-13-108-281	HSC109513	PINK	263	
HSC1095-13-108-282	HSC109513	PINK	210	
HSC1095-13-108-283	HSC109513	PINK	211	
HSC1095-13-108-284	HSC109513	PINK	205	
HSC1095-13-108-285	HSC109513	PINK	240	
HSC1095-13-108-286	HSC109513	PINK	240	
HSC1095-13-108-287	HSC109513	PINK	202	
HSC1095-13-108-288	HSC109513	PINK	262	
HSC1095-13-108-289	HSC109513	PINK	238	
HSC1095-13-108-290	HSC109513	PINK	160	
HSC1095-13-108-291	HSC109513	PINK	180	
HSC1095-13-108-292	HSC109513	PINK	210	
HSC1095-13-108-293	HSC109513	PINK	185	
HSC1095-13-108-294	HSC109513	PINK	208	
HSC1095-13-108-295	HSC109513	PINK	216	
HSC1095-13-108-296	HSC109513	PINK	225	
HSC1095-13-108-297	HSC109513	PINK	241	
HSC1095-13-108-299	HSC109513	PINK	204	
HSC1095-13-108-300	HSC109513	PINK	206	
HSC1095-13-108-301	HSC109513	PINK	222	
HSC1095-13-108-302	HSC109513	PINK	240	
HSC1095-13-108-303	HSC109513	PINK	224	
HSC1095-13-108-304	HSC109513	PINK	225	
HSC1095-13-108-305	HSC109513	PINK	202	
HSC1095-13-108-306	HSC109513	PINK	185	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork	Sex
			Length (mm)	
HSC1095-13-108-307	HSC109513	PINK	244	
HSC1095-13-108-308	HSC109513	PINK	231	
HSC1095-13-108-309	HSC109513	PINK	242	
HSC1095-13-108-310	HSC109513	PINK	216	
HSC1095-13-108-311	HSC109513	PINK	220	
HSC1095-13-108-312	HSC109513	PINK	187	
HSC1095-13-108-313	HSC109513	PINK	205	
HSC1095-13-108-314	HSC109513	PINK	218	
HSC1095-13-108-315	HSC109513	PINK	204	
HSC1095-13-108-316	HSC109513	PINK	176	
HSC1095-13-108-317	HSC109513	PINK	240	
HSC1095-13-108-318	HSC109513	PINK	219	
HSC1095-13-108-319	HSC109513	PINK	236	
HSC1095-13-108-320	HSC109513	PINK	253	
HSC1095-13-108-321	HSC109513	PINK	210	
HSC1095-13-108-322	HSC109513	PINK	200	
HSC1095-13-108-323	HSC109513	PINK	210	
HSC1095-13-108-324	HSC109513	PINK	214	
HSC1095-13-108-325	HSC109513	PINK	178	
HSC1095-14-108-328	HSC109514	PINK	204	
HSC1095-14-108-329	HSC109514	PINK	236	
HSC1095-14-108-330	HSC109514	PINK	233	
HSC1095-14-108-331	HSC109514	PINK	236	
HSC1095-14-108-332	HSC109514	PINK	215	
HSC1095-14-108-333	HSC109514	PINK	226	
HSC1095-14-108-334	HSC109514	PINK	203	
HSC1095-14-108-335	HSC109514	PINK	236	
HSC1095-14-108-336	HSC109514	PINK	230	
HSC1095-14-108-337	HSC109514	PINK	213	
HSC1095-14-108-338	HSC109514	PINK	214	
HSC1095-14-108-339	HSC109514	PINK	234	
HSC1095-14-108-340	HSC109514	PINK	208	
HSC1095-14-108-341	HSC109514	PINK	205	
HSC1095-14-108-342	HSC109514	PINK	228	
HSC1095-14-108-343	HSC109514	PINK	228	
HSC1095-14-108-344	HSC109514	PINK	261	
HSC1095-14-108-345	HSC109514	PINK	211	
HSC1095-14-108-346	HSC109514	PINK	218	
HSC1095-14-108-347	HSC109514	PINK	181	
HSC1095-14-108-348	HSC109514	PINK	290	
HSC1095-14-108-349	HSC109514	PINK	211	
HSC1095-14-108-350	HSC109514	PINK	198	
HSC1095-14-108-351	HSC109514	PINK	233	
HSC1095-14-108-352	HSC109514	PINK	195	
HSC1095-14-108-353	HSC109514	PINK	218	
HSC1095-14-108-354	HSC109514	PINK	198	
HSC1095-14-108-355	HSC109514	PINK	241	
HSC1095-14-108-356	HSC109514	PINK	220	
HSC1095-14-108-357	HSC109514	PINK	224	
HSC1095-14-108-358	HSC109514	PINK	246	
HSC1095-14-108-359	HSC109514	PINK	223	
HSC1095-14-108-360	HSC109514	PINK	213	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork	Sex
			Length (mm)	
HSC1095-14-108-361	HSC109514	PINK	225	
HSC1095-14-108-362	HSC109514	PINK	213	
HSC1095-14-108-363	HSC109514	PINK	202	
HSC1095-14-108-364	HSC109514	PINK	225	
HSC1095-14-108-365	HSC109514	PINK	216	
HSC1095-14-108-366	HSC109514	PINK	204	
HSC1095-14-108-367	HSC109514	PINK	213	
HSC1095-14-108-368	HSC109514	PINK	205	
HSC1095-14-108-369	HSC109514	PINK	260	
HSC1095-14-108-370	HSC109514	PINK	292	
HSC1095-14-108-371	HSC109514	PINK	241	
HSC1095-14-108-373	HSC109514	PINK	219	
HSC1095-14-108-374	HSC109514	PINK	204	
HSC1095-14-108-375	HSC109514	PINK	202	
HSC1095-14-108-376	HSC109514	PINK	209	
HSC1095-14-108-377	HSC109514	PINK	191	
HSC1095-14-108-378	HSC109514	PINK	222	
HSC1095-14-108-379	HSC109514	PINK	224	
HSC1095-14-108-380	HSC109514	PINK	207	
HSC1095-14-108-381	HSC109514	PINK	206	
HSC1095-14-108-382	HSC109514	PINK	214	
HSC1095-14-108-383	HSC109514	PINK	233	
HSC1095-14-108-384	HSC109514	PINK	217	
HSC1095-14-108-385	HSC109514	PINK	222	
HSC1095-14-108-386	HSC109514	PINK	217	
HSC1095-14-108-387	HSC109514	PINK	246	
HSC1095-14-108-388	HSC109514	PINK	232	
HSC1095-14-108-389	HSC109514	PINK	217	
HSC1095-14-108-390	HSC109514	PINK	194	
HSC1095-14-108-391	HSC109514	PINK	211	
HSC1095-14-108-392	HSC109514	PINK	209	
HSC1095-14-108-393	HSC109514	PINK	237	
HSC1095-14-108-394	HSC109514	PINK	224	
HSC1095-14-108-395	HSC109514	PINK	218	
HSC1095-14-108-396	HSC109514	PINK	213	
HSC1095-14-108-397	HSC109514	PINK	221	
HSC1095-14-108-398	HSC109514	PINK	231	
HSC1095-14-108-399	HSC109514	PINK	224	
HSC1095-14-108-400	HSC109514	PINK	213	
HSC1095-14-108-401	HSC109514	PINK	210	
HSC1095-14-108-402	HSC109514	PINK	239	
HSC1095-14-108-403	HSC109514	PINK	246	
HSC1095-14-108-404	HSC109514	PINK	224	
HSC1095-14-108-405	HSC109514	PINK	211	
HSC1095-14-108-406	HSC109514	PINK	220	
HSC1095-14-108-407	HSC109514	PINK	213	
HSC1095-14-108-408	HSC109514	PINK	241	
HSC1095-15-108-423	HSC109515	PINK	245	
HSC1095-15-108-424	HSC109515	PINK	230	
HSC1095-15-108-425	HSC109515	PINK	240	
HSC1095-15-108-426	HSC109515	PINK	238	
HSC1095-15-108-427	HSC109515	PINK	210	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork	Sex
			Length (mm)	
HSC1095-15-108-428	HSC109515	PINK	230	
HSC1095-15-108-429	HSC109515	PINK	206	
HSC1095-15-108-430	HSC109515	PINK	228	
HSC1095-15-108-431	HSC109515	PINK	252	
HSC1095-15-108-432	HSC109515	PINK	242	
HSC1095-15-108-433	HSC109515	PINK	233	
HSC1095-15-108-434	HSC109515	PINK	236	
HSC1095-15-108-435	HSC109515	PINK	205	
HSC1095-15-108-436	HSC109515	PINK	215	
HSC1095-15-108-437	HSC109515	PINK	214	
HSC1095-15-108-438	HSC109515	PINK	224	
HSC1095-15-108-439	HSC109515	PINK	245	
HSC1095-15-108-440	HSC109515	PINK	220	
HSC1095-15-108-441	HSC109515	PINK	189	
HSC1095-15-108-442	HSC109515	PINK	228	
HSC1095-15-108-443	HSC109515	PINK	239	
HSC1095-15-108-444	HSC109515	PINK	223	
HSC1095-15-108-445	HSC109515	PINK	201	
HSC1095-15-108-446	HSC109515	PINK	206	
HSC1095-15-108-447	HSC109515	PINK	232	
HSC1095-15-108-448	HSC109515	PINK	212	
HSC1095-15-108-449	HSC109515	PINK	224	
HSC1095-15-108-450	HSC109515	PINK	244	
HSC1095-15-108-451	HSC109515	PINK	230	
HSC1095-15-108-452	HSC109515	PINK	226	
HSC1095-15-108-453	HSC109515	PINK	234	
HSC1095-15-108-454	HSC109515	PINK	235	
HSC1095-15-108-455	HSC109515	PINK	249	
HSC1095-15-108-456	HSC109515	PINK	261	
HSC1095-15-108-457	HSC109515	PINK	226	
HSC1095-15-108-458	HSC109515	PINK	257	
HSC1095-15-108-459	HSC109515	PINK	230	
HSC1095-15-108-460	HSC109515	PINK	244	
HSC1095-15-108-461	HSC109515	PINK	230	
HSC1095-15-108-462	HSC109515	PINK	214	
HSC1095-15-108-463	HSC109515	PINK	267	
HSC1095-15-108-464	HSC109515	PINK	220	
HSC1095-15-108-465	HSC109515	PINK	222	
HSC1095-15-108-466	HSC109515	PINK	219	
HSC1095-15-108-467	HSC109515	PINK	247	
HSC1095-15-108-468	HSC109515	PINK	215	
HSC1095-15-108-469	HSC109515	PINK	237	
HSC1095-15-108-470	HSC109515	PINK	289	
HSC1095-15-108-471	HSC109515	PINK	228	
HSC1095-15-108-472	HSC109515	PINK	240	
HSC1095-15-108-473	HSC109515	PINK	212	
HSC1095-15-108-474	HSC109515	PINK	230	
HSC1095-15-108-475	HSC109515	PINK	225	
HSC1095-15-108-476	HSC109515	PINK	228	
HSC1095-15-108-477	HSC109515	PINK	202	
HSC1095-15-108-478	HSC109515	PINK	239	
HSC1095-15-108-479	HSC109515	PINK	201	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork	Sex
			Length (mm)	
HSC1095-15-108-480	HSC109515	PINK	237	
HSC1095-15-108-481	HSC109515	PINK	211	
HSC1095-15-108-482	HSC109515	PINK	227	
HSC1095-15-108-483	HSC109515	PINK	251	
HSC1095-15-108-484	HSC109515	PINK	235	
HSC1095-15-108-485	HSC109515	PINK	221	
HSC1095-15-108-486	HSC109515	PINK	235	
HSC1095-15-108-487	HSC109515	PINK	225	
HSC1095-15-108-488	HSC109515	PINK	213	
HSC1095-15-108-489	HSC109515	PINK	238	
HSC1095-15-108-490	HSC109515	PINK	225	
HSC1095-15-108-491	HSC109515	PINK	252	
HSC1095-15-108-492	HSC109515	PINK	260	
HSC1095-15-108-493	HSC109515	PINK	245	
HSC1095-15-108-494	HSC109515	PINK	260	
HSC1095-15-108-495	HSC109515	PINK	192	
HSC1095-15-108-496	HSC109515	PINK	247	
HSC1095-15-108-497	HSC109515	PINK	240	
HSC1095-15-108-498	HSC109515	PINK	238	
HSC1095-15-108-499	HSC109515	PINK	250	
HSC1095-15-108-500	HSC109515	PINK	228	
HSC1095-15-108-501	HSC109515	PINK	232	
HSC1095-15-108-502	HSC109515	PINK	236	
HSC1095-15-108-503	HSC109515	PINK	197	
HSC1095-15-108-504	HSC109515	PINK	227	
HSC1095-15-108-505	HSC109515	PINK	251	
HSC1095-15-108-506	HSC109515	PINK	256	
HSC1095-15-108-507	HSC109515	PINK	246	
HSC1095-15-108-508	HSC109515	PINK	210	
HSC1095-15-108-509	HSC109515	PINK	226	
HSC1095-15-108-510	HSC109515	PINK	230	
HSC1095-15-108-511	HSC109515	PINK	216	
HSC1095-15-108-512	HSC109515	PINK	219	
HSC1095-15-108-513	HSC109515	PINK	232	
HSC1095-15-108-514	HSC109515	PINK	246	
HSC1095-15-108-515	HSC109515	PINK	211	
HSC1095-15-108-516	HSC109515	PINK	237	
HSC1095-15-108-517	HSC109515	PINK	232	
HSC1095-15-108-518	HSC109515	PINK	222	
HSC1095-15-108-519	HSC109515	PINK	199	
HSC1095-15-108-520	HSC109515	PINK	238	
HSC1095-15-108-521	HSC109515	PINK	214	
HSC1095-15-108-522	HSC109515	PINK	242	
HSC1095-15-108-523	HSC109515	PINK	248	
HSC1095-15-108-524	HSC109515	PINK	233	
HSC1095-15-108-525	HSC109515	PINK	230	
HSC1095-15-108-526	HSC109515	PINK	208	
HSC1095-15-108-527	HSC109515	PINK	224	
HSC1095-15-108-528	HSC109515	PINK	223	
HSC1095-15-108-529	HSC109515	PINK	208	
HSC1095-15-108-530	HSC109515	PINK	250	
HSC1095-15-108-531	HSC109515	PINK	218	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork Length (mm)	Sex
HSC1095-15-108-532	HSC109515	PINK	225	
HSC1095-15-108-533	HSC109515	PINK	238	
HSC1095-15-108-534	HSC109515	PINK	225	
HSC1095-15-108-535	HSC109515	PINK	208	
HSC1095-15-108-536	HSC109515	PINK	240	
HSC1095-15-108-537	HSC109515	PINK	243	
HSC1095-15-108-538	HSC109515	PINK	230	
HSC1095-15-108-539	HSC109515	PINK	245	
HSC1095-15-108-540	HSC109515	PINK	260	
HSC1095-15-108-541	HSC109515	PINK	222	
HSC1095-15-108-542	HSC109515	PINK	225	
HSC1095-15-108-543	HSC109515	PINK	247	
HSC1095-15-108-544	HSC109515	PINK	245	
HSC1095-15-108-545	HSC109515	PINK	239	
HSC1095-15-108-546	HSC109515	PINK	230	
HSC1095-15-108-547	HSC109515	PINK	203	
HSC1095-15-108-548	HSC109515	PINK	234	
HSC1095-15-108-549	HSC109515	PINK	210	
HSC1095-15-108-550	HSC109515	PINK	245	
HSC1095-15-108-551	HSC109515	PINK	234	
HSC1095-15-108-552	HSC109515	PINK	250	
HSC1095-15-108-553	HSC109515	PINK	222	
HSC1095-15-108-554	HSC109515	PINK	240	
HSC1095-15-108-555	HSC109515	PINK	232	
HSC1095-15-108-556	HSC109515	PINK	198	
HSC1095-15-108-557	HSC109515	PINK	218	
HSC1095-15-108-558	HSC109515	PINK	230	
HSC1095-15-108-559	HSC109515	PINK	220	
HSC1095-15-108-560	HSC109515	PINK	215	
HSC1095-15-108-561	HSC109515	PINK	228	
HSC1095-15-108-562	HSC109515	PINK	238	
HSC1095-15-108-563	HSC109515	PINK	228	
HSC1095-15-108-564	HSC109515	PINK	245	
HSC1095-15-108-565	HSC109515	PINK	192	
HSC1095-15-108-566	HSC109515	PINK	249	
HSC1095-15-108-567	HSC109515	PINK	211	
HSC1095-15-108-568	HSC109515	PINK	233	
HSC1095-15-108-569	HSC109515	PINK	220	
HSC1095-15-108-570	HSC109515	PINK	214	
HSC1095-15-108-571	HSC109515	PINK	242	
HSC1095-15-108-572	HSC109515	PINK	212	
HSC1095-15-108-573	HSC109515	PINK	231	
HSC1095-15-108-574	HSC109515	PINK	224	
HSC1095-15-108-575	HSC109515	PINK	230	
HSC1095-15-108-576	HSC109515	PINK	202	
HSC1095-15-108-577	HSC109515	PINK	226	
HSC1095-15-108-578	HSC109515	PINK	252	
HSC1095-15-108-579	HSC109515	PINK	241	
HSC1095-15-108-580	HSC109515	PINK	224	
HSC1095-15-108-581	HSC109515	PINK	232	
HSC1095-15-108-582	HSC109515	PINK	234	
HSC1095-15-108-583	HSC109515	PINK	260	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork Length (mm)	Sex
HSC1095-15-108-584	HSC109515	PINK	252	
HSC1095-15-108-585	HSC109515	PINK	258	
HSC1095-15-108-586	HSC109515	PINK	210	
HSC1095-15-108-587	HSC109515	PINK	218	
HSC1095-15-108-588	HSC109515	PINK	222	
HSC1095-15-108-589	HSC109515	PINK	212	
HSC1095-15-108-590	HSC109515	PINK	251	
HSC1095-15-108-591	HSC109515	PINK	231	
HSC1095-15-108-592	HSC109515	PINK	230	
HSC1095-15-108-593	HSC109515	PINK	220	
HSC1095-15-108-594	HSC109515	PINK	228	
HSC1095-15-108-595	HSC109515	PINK	222	
HSC1095-15-108-596	HSC109515	PINK	205	
HSC1095-15-108-597	HSC109515	PINK	250	
HSC1095-15-108-598	HSC109515	PINK	250	
HSC1095-15-108-599	HSC109515	PINK	218	
HSC1095-15-108-600	HSC109515	PINK	195	
HSC1095-15-108-601	HSC109515	PINK	215	
HSC1095-15-108-602	HSC109515	PINK	208	
HSC1095-15-108-603	HSC109515	PINK	235	
HSC1095-15-108-604	HSC109515	PINK	232	
HSC1095-15-108-605	HSC109515	PINK	232	
HSC1095-15-108-606	HSC109515	PINK	220	
HSC1095-15-108-607	HSC109515	PINK	224	
HSC1095-15-108-608	HSC109515	PINK	234	
HSC1095-15-108-609	HSC109515	PINK	251	
HSC1095-15-108-610	HSC109515	PINK	242	
HSC1095-15-108-611	HSC109515	PINK	247	
HSC1095-15-108-612	HSC109515	PINK	248	
HSC1095-15-108-613	HSC109515	PINK	205	
HSC1095-15-108-614	HSC109515	PINK	245	
HSC1095-15-108-615	HSC109515	PINK	230	
HSC1095-15-108-616	HSC109515	PINK	230	
HSC1095-15-108-617	HSC109515	PINK	245	
HSC1095-15-108-618	HSC109515	PINK	209	
HSC1095-15-108-619	HSC109515	PINK	232	
HSC1095-15-108-620	HSC109515	PINK	240	
HSC1095-15-108-621	HSC109515	PINK	219	
HSC1095-15-108-622	HSC109515	PINK	205	
HSC1095-15-108-623	HSC109515	PINK	216	
HSC1095-15-108-624	HSC109515	PINK	252	
HSC1095-15-108-625	HSC109515	PINK	237	
HSC1095-15-108-626	HSC109515	PINK	239	
HSC1095-15-108-627	HSC109515	PINK	209	
HSC1095-15-108-628	HSC109515	PINK	252	
HSC1095-15-108-629	HSC109515	PINK	222	
HSC1095-15-108-630	HSC109515	PINK	225	
HSC1095-15-108-631	HSC109515	PINK	238	
HSC1095-15-108-632	HSC109515	PINK	243	
HSC1095-15-108-633	HSC109515	PINK	247	
HSC1095-15-108-634	HSC109515	PINK	202	
HSC1095-15-108-635	HSC109515	PINK	258	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork Length (mm)	Sex
HSC1095-15-108-636	HSC109515	PINK	226	
HSC1095-15-108-637	HSC109515	PINK	224	
HSC1095-15-108-638	HSC109515	PINK	235	
HSC1095-15-108-639	HSC109515	PINK	236	
HSC1095-15-108-640	HSC109515	PINK	258	
HSC1095-15-108-641	HSC109515	PINK	238	
HSC1095-15-108-642	HSC109515	PINK	218	
HSC1095-15-108-643	HSC109515	PINK	216	
HSC1095-15-108-644	HSC109515	PINK	225	
HSC1095-15-108-645	HSC109515	PINK	248	
HSC1095-15-108-646	HSC109515	PINK	235	
HSC1095-15-108-647	HSC109515	PINK	215	
HSC1095-15-108-648	HSC109515	PINK	258	
HSC1095-15-108-649	HSC109515	PINK	242	
HSC1095-15-108-650	HSC109515	PINK	210	
HSC1095-15-108-651	HSC109515	PINK	186	
HSC1095-15-108-652	HSC109515	PINK	245	
HSC1095-15-108-653	HSC109515	PINK	250	
HSC1095-15-108-654	HSC109515	PINK	229	
HSC1095-15-108-655	HSC109515	PINK	216	
HSC1095-15-108-656	HSC109515	PINK	270	
HSC1095-15-108-657	HSC109515	PINK	240	
HSC1095-15-108-658	HSC109515	PINK	217	
HSC1095-15-108-659	HSC109515	PINK	228	
HSC1095-15-108-660	HSC109515	PINK	206	
HSC1095-16-108-1	HSC109516	PINK	258	
HSC1095-16-108-2	HSC109516	PINK	221	
HSC1095-16-108-3	HSC109516	PINK	243	
HSC1095-16-108-4	HSC109516	PINK	260	
HSC1095-16-108-5	HSC109516	PINK	230	
HSC1095-16-108-6	HSC109516	PINK	246	
HSC1095-16-108-7	HSC109516	PINK	236	
HSC1095-16-108-8	HSC109516	PINK	254	
HSC1095-16-108-9	HSC109516	PINK	231	
HSC1095-16-108-10	HSC109516	PINK	235	
HSC1095-16-108-11	HSC109516	PINK	242	
HSC1095-16-108-12	HSC109516	PINK	227	
HSC1095-16-108-13	HSC109516	PINK	226	
HSC1095-16-108-14	HSC109516	PINK	221	
HSC1095-16-108-15	HSC109516	PINK	252	
HSC1095-16-108-16	HSC109516	PINK	221	
HSC1095-16-108-17	HSC109516	PINK	217	
HSC1095-16-108-18	HSC109516	PINK	236	
HSC1095-16-108-19	HSC109516	PINK	249	
HSC1095-16-108-20	HSC109516	PINK	246	
HSC1095-16-108-21	HSC109516	PINK	249	
HSC1095-16-108-22	HSC109516	PINK	264	
HSC1095-16-108-23	HSC109516	PINK	251	
HSC1095-16-108-24	HSC109516	PINK	251	
HSC1095-16-108-25	HSC109516	PINK	246	
HSC1095-16-108-26	HSC109516	PINK	214	
HSC1095-16-108-27	HSC109516	PINK	238	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork Length (mm)	Sex
HSC1095-16-108-28	HSC109516	PINK	235	
HSC1095-16-108-29	HSC109516	PINK	231	
HSC1095-16-108-30	HSC109516	PINK	259	
HSC1095-16-108-31	HSC109516	PINK	217	
HSC1095-16-108-32	HSC109516	PINK	211	
HSC1095-16-108-33	HSC109516	PINK	242	
HSC1095-16-108-34	HSC109516	PINK	236	
HSC1095-16-108-35	HSC109516	PINK	234	
HSC1095-16-108-36	HSC109516	PINK	215	
HSC1095-16-108-37	HSC109516	PINK	225	
HSC1095-16-108-38	HSC109516	PINK	200	
HSC1095-16-108-39	HSC109516	PINK	241	
HSC1095-16-108-40	HSC109516	PINK	224	
HSC1095-16-108-41	HSC109516	PINK	230	
HSC1095-16-108-42	HSC109516	PINK	238	
HSC1095-16-108-43	HSC109516	PINK	245	
HSC1095-16-108-44	HSC109516	PINK	225	
HSC1095-16-108-45	HSC109516	PINK	241	
HSC1095-16-108-46	HSC109516	PINK	258	
HSC1095-16-108-47	HSC109516	PINK	271	
HSC1095-16-108-48	HSC109516	PINK	219	
HSC1095-16-108-49	HSC109516	PINK	212	
HSC1095-16-108-50	HSC109516	PINK	235	
HSC1095-16-108-51	HSC109516	PINK	232	
HSC1095-16-108-52	HSC109516	PINK	256	
HSC1095-16-108-53	HSC109516	PINK	222	
HSC1095-16-108-54	HSC109516	PINK	215	
HSC1095-16-108-55	HSC109516	PINK	224	
HSC1095-16-108-56	HSC109516	PINK	220	
HSC1095-16-108-57	HSC109516	PINK	215	
HSC1095-16-108-58	HSC109516	PINK	216	
HSC1095-16-108-59	HSC109516	PINK	255	
HSC1095-16-108-60	HSC109516	PINK	252	
HSC1095-16-108-690	HSC109516	PINK	261	
HSC1095-16-108-691	HSC109516	PINK	244	
HSC1095-16-108-692	HSC109516	PINK	227	
HSC1095-16-108-693	HSC109516	PINK	277	
HSC1095-16-108-694	HSC109516	PINK	198	
HSC1095-16-108-695	HSC109516	PINK	265	
HSC1095-16-108-696	HSC109516	PINK	253	
HSC1095-16-108-697	HSC109516	PINK	230	
HSC1095-16-108-698	HSC109516	PINK	237	
HSC1095-16-108-699	HSC109516	PINK	246	
HSC1095-16-108-700	HSC109516	PINK	265	
HSC1095-16-108-701	HSC109516	PINK	261	
HSC1095-16-108-702	HSC109516	PINK	217	
HSC1095-16-108-703	HSC109516	PINK	240	
HSC1095-16-108-704	HSC109516	PINK	218	
HSC1095-16-108-705	HSC109516	PINK	243	
HSC1095-16-108-706	HSC109516	PINK	251	
HSC1095-16-108-707	HSC109516	PINK	225	
HSC1095-16-108-708	HSC109516	PINK	249	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork Length (mm)	Sex
HSC1095-16-108-709	HSC109516	PINK	225	
HSC1095-16-108-710	HSC109516	PINK	222	
HSC1095-16-108-711	HSC109516	PINK	265	
HSC1095-16-108-712	HSC109516	PINK	232	
HSC1095-16-108-713	HSC109516	PINK	228	
HSC1095-16-108-714	HSC109516	PINK	222	
HSC1095-16-108-715	HSC109516	PINK	238	
HSC1095-16-108-716	HSC109516	PINK	228	
HSC1095-16-108-717	HSC109516	PINK	248	
HSC1095-16-108-718	HSC109516	PINK	252	
HSC1095-16-108-719	HSC109516	PINK	298	
HSC1095-17-108-1	HSC109517	PINK	237	
HSC1095-17-108-2	HSC109517	PINK	218	
HSC1095-17-108-3	HSC109517	PINK	234	
HSC1095-17-108-4	HSC109517	PINK	237	
HSC1095-17-108-5	HSC109517	PINK	224	
HSC1095-17-108-6	HSC109517	PINK	232	
HSC1095-17-108-7	HSC109517	PINK	218	
HSC1095-17-108-8	HSC109517	PINK	226	
HSC1095-17-108-9	HSC109517	PINK	222	
HSC1095-17-108-10	HSC109517	PINK	235	
HSC1095-17-108-11	HSC109517	PINK	207	
HSC1095-17-108-12	HSC109517	PINK	211	
HSC1095-17-108-13	HSC109517	PINK	299	
HSC1095-17-108-14	HSC109517	PINK	225	
HSC1095-17-108-15	HSC109517	PINK	242	
HSC1095-17-108-16	HSC109517	PINK	235	
HSC1095-17-108-17	HSC109517	PINK	252	
HSC1095-17-108-18	HSC109517	PINK	243	
HSC1095-17-108-19	HSC109517	PINK	210	
HSC1095-17-108-20	HSC109517	PINK	224	
HSC1095-17-108-21	HSC109517	PINK	250	
HSC1095-17-108-22	HSC109517	PINK	240	
HSC1095-17-108-23	HSC109517	PINK	232	
HSC1095-17-108-24	HSC109517	PINK	232	
HSC1095-17-108-25	HSC109517	PINK	234	
HSC1095-17-108-26	HSC109517	PINK	233	
HSC1095-17-108-27	HSC109517	PINK	244	
HSC1095-17-108-28	HSC109517	PINK	229	
HSC1095-17-108-29	HSC109517	PINK	242	
HSC1095-17-108-30	HSC109517	PINK	237	
HSC1095-17-108-31	HSC109517	PINK	228	
HSC1095-17-108-32	HSC109517	PINK	231	
HSC1095-17-108-33	HSC109517	PINK	238	
HSC1095-17-108-34	HSC109517	PINK	230	
HSC1095-17-108-35	HSC109517	PINK	239	
HSC1095-17-108-36	HSC109517	PINK	243	
HSC1095-17-108-37	HSC109517	PINK	210	
HSC1095-17-108-38	HSC109517	PINK	240	
HSC1095-17-108-39	HSC109517	PINK	214	
HSC1095-17-108-40	HSC109517	PINK	234	
HSC1095-17-108-41	HSC109517	PINK	242	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork Length (mm)	Sex
HSC1095-17-108-42	HSC109517	PINK	240	
HSC1095-17-108-43	HSC109517	PINK	250	
HSC1095-17-108-44	HSC109517	PINK	221	
HSC1095-17-108-45	HSC109517	PINK	222	
HSC1095-17-108-46	HSC109517	PINK	223	
HSC1095-17-108-47	HSC109517	PINK	238	
HSC1095-17-108-48	HSC109517	PINK	230	
HSC1095-17-108-49	HSC109517	PINK	230	
HSC1095-17-108-50	HSC109517	PINK	222	
HSC1095-17-108-51	HSC109517	PINK	224	
HSC1095-17-108-52	HSC109517	PINK	230	
HSC1095-17-108-53	HSC109517	PINK	231	
HSC1095-17-108-738	HSC109517	PINK	243	
HSC1095-17-108-739	HSC109517	PINK	242	
HSC1095-17-108-740	HSC109517	PINK	242	
HSC1095-17-108-741	HSC109517	PINK	245	
HSC1095-17-108-742	HSC109517	PINK	239	
HSC1095-17-108-743	HSC109517	PINK	234	
HSC1095-17-108-744	HSC109517	PINK	240	
HSC1095-17-108-745	HSC109517	PINK	233	
HSC1095-17-108-746	HSC109517	PINK	250	
HSC1095-17-108-747	HSC109517	PINK	224	
HSC1095-17-108-748	HSC109517	PINK	238	
HSC1095-17-108-749	HSC109517	PINK	230	
HSC1095-17-108-750	HSC109517	PINK	240	
HSC1095-17-108-751	HSC109517	PINK	233	
HSC1095-17-108-752	HSC109517	PINK	231	
HSC1095-17-108-753	HSC109517	PINK	251	
HSC1095-17-108-754	HSC109517	PINK	232	
HSC1095-17-108-755	HSC109517	PINK	233	
HSC1095-17-108-756	HSC109517	PINK	227	
HSC1095-17-108-757	HSC109517	PINK	243	
HSC1095-17-108-758	HSC109517	PINK	220	
HSC1095-17-108-759	HSC109517	PINK	252	
HSC1095-17-108-760	HSC109517	PINK	218	
HSC1095-17-108-761	HSC109517	PINK	230	
HSC1095-17-108-762	HSC109517	PINK	248	
HSC1095-17-108-763	HSC109517	PINK	232	
HSC1095-17-108-764	HSC109517	PINK	200	
HSC1095-17-108-765	HSC109517	PINK	203	
HSC1095-17-108-766	HSC109517	PINK	252	
HSC1095-17-108-767	HSC109517	PINK	230	
HSC1095-20-108-1	HSC109520	PINK	230	
HSC1095-20-108-2	HSC109520	PINK	230	
HSC1095-20-108-3	HSC109520	PINK	254	
HSC1095-20-108-4	HSC109520	PINK	194	
HSC1095-20-108-5	HSC109520	PINK	200	
HSC1095-20-108-6	HSC109520	PINK	226	
HSC1095-20-108-7	HSC109520	PINK	230	
HSC1095-20-108-8	HSC109520	PINK	210	
HSC1095-20-108-9	HSC109520	PINK	202	
HSC1095-20-108-10	HSC109520	PINK	225	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork Length (mm)	Sex
HSC1095-20-108-11	HSC109520	PINK	231	
HSC1095-20-108-12	HSC109520	PINK	220	
HSC1095-20-108-13	HSC109520	PINK	239	
HSC1095-20-108-14	HSC109520	PINK	226	
HSC1095-20-108-15	HSC109520	PINK	230	
HSC1095-20-108-16	HSC109520	PINK	236	
HSC1095-20-108-17	HSC109520	PINK	243	
HSC1095-20-108-18	HSC109520	PINK	220	
HSC1095-20-108-19	HSC109520	PINK	206	
HSC1095-20-108-20	HSC109520	PINK	208	
HSC1095-20-108-21	HSC109520	PINK	220	
HSC1095-20-108-22	HSC109520	PINK	205	
HSC1095-20-108-23	HSC109520	PINK	250	
HSC1095-20-108-24	HSC109520	PINK	195	
HSC1095-20-108-25	HSC109520	PINK	192	
HSC1095-20-108-26	HSC109520	PINK	225	
HSC1095-20-108-27	HSC109520	PINK	212	
HSC1095-20-108-28	HSC109520	PINK	216	
HSC1095-20-108-29	HSC109520	PINK	208	
HSC1095-20-108-30	HSC109520	PINK	231	
HSC1095-20-108-31	HSC109520	PINK	204	
HSC1095-20-108-807	HSC109520	PINK	202	
HSC1095-20-108-808	HSC109520	PINK	205	
HSC1095-20-108-809	HSC109520	PINK	235	
HSC1095-20-108-810	HSC109520	PINK	238	
HSC1095-20-108-811	HSC109520	PINK	226	
HSC1095-20-108-812	HSC109520	PINK	211	
HSC1095-20-108-813	HSC109520	PINK	202	
HSC1095-20-108-814	HSC109520	PINK	225	
HSC1095-20-108-815	HSC109520	PINK	204	
HSC1095-20-108-816	HSC109520	PINK	208	
HSC1095-20-108-817	HSC109520	PINK	228	
HSC1095-20-108-818	HSC109520	PINK	202	
HSC1095-20-108-819	HSC109520	PINK	207	
HSC1095-20-108-820	HSC109520	PINK	196	
HSC1095-20-108-821	HSC109520	PINK	196	
HSC1095-21-108-1	HSC109521	PINK	227	
HSC1095-21-108-2	HSC109521	PINK	206	
HSC1095-21-108-3	HSC109521	PINK	191	
HSC1095-21-108-4	HSC109521	PINK	211	
HSC1095-21-108-5	HSC109521	PINK	210	
HSC1095-21-108-6	HSC109521	PINK	211	
HSC1095-21-108-7	HSC109521	PINK	233	
HSC1095-21-108-8	HSC109521	PINK	206	
HSC1095-21-108-9	HSC109521	PINK	207	
HSC1095-21-108-10	HSC109521	PINK	219	
HSC1095-21-108-11	HSC109521	PINK	201	
HSC1095-21-108-12	HSC109521	PINK	196	
HSC1095-21-108-13	HSC109521	PINK	210	
HSC1095-21-108-14	HSC109521	PINK	198	
HSC1095-21-108-15	HSC109521	PINK	199	
HSC1095-21-108-16	HSC109521	PINK	203	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork Length (mm)	Sex
HSC1095-21-108-17	HSC109521	PINK	211	
HSC1095-21-108-18	HSC109521	PINK	207	
HSC1095-21-108-19	HSC109521	PINK	206	
HSC1095-21-108-20	HSC109521	PINK	206	
HSC1095-21-108-21	HSC109521	PINK	203	
HSC1095-21-108-22	HSC109521	PINK	196	
HSC1095-21-108-23	HSC109521	PINK	207	
HSC1095-21-108-24	HSC109521	PINK	201	
HSC1095-21-108-25	HSC109521	PINK	201	
HSC1095-21-108-26	HSC109521	PINK	200	
HSC1095-21-108-27	HSC109521	PINK	199	
HSC1095-21-108-28	HSC109521	PINK	202	
HSC1095-21-108-29	HSC109521	PINK	191	
HSC1095-21-108-30	HSC109521	PINK	210	
HSC1095-21-108-31	HSC109521	PINK	196	
HSC1095-21-108-32	HSC109521	PINK	215	
HSC1095-21-108-33	HSC109521	PINK	191	
HSC1095-21-108-34	HSC109521	PINK	195	
HSC1095-21-108-35	HSC109521	PINK	207	
HSC1095-21-108-36	HSC109521	PINK	202	
HSC1095-21-108-37	HSC109521	PINK	201	
HSC1095-21-108-38	HSC109521	PINK	193	
HSC1095-21-108-39	HSC109521	PINK	212	
HSC1095-21-108-40	HSC109521	PINK	222	
HSC1095-21-108-41	HSC109521	PINK	232	
HSC1095-21-108-42	HSC109521	PINK	209	
HSC1095-21-108-43	HSC109521	PINK	218	
HSC1095-21-108-44	HSC109521	PINK	209	
HSC1095-21-108-45	HSC109521	PINK	231	
HSC1095-21-108-46	HSC109521	PINK	212	
HSC1095-21-108-47	HSC109521	PINK	210	
HSC1095-21-108-48	HSC109521	PINK	232	
HSC1095-21-108-49	HSC109521	PINK	194	
HSC1095-21-108-50	HSC109521	PINK	190	
HSC1095-21-108-51	HSC109521	PINK	219	
HSC1095-21-108-52	HSC109521	PINK	216	
HSC1095-21-108-53	HSC109521	PINK	197	
HSC1095-21-108-54	HSC109521	PINK	211	
HSC1095-21-108-55	HSC109521	PINK	222	
HSC1095-21-108-56	HSC109521	PINK	189	
HSC1095-21-108-57	HSC109521	PINK	188	
HSC1095-21-108-58	HSC109521	PINK	210	
HSC1095-21-108-59	HSC109521	PINK	212	
HSC1095-21-108-60	HSC109521	PINK	201	
HSC1095-21-108-61	HSC109521	PINK	208	
HSC1095-21-108-62	HSC109521	PINK	225	
HSC1095-21-108-63	HSC109521	PINK	217	
HSC1095-21-108-64	HSC109521	PINK	220	
HSC1095-21-108-65	HSC109521	PINK	189	
HSC1095-21-108-66	HSC109521	PINK	211	
HSC1095-21-108-67	HSC109521	PINK	186	
HSC1095-21-108-68	HSC109521	PINK	210	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork	Sex
			Length (mm)	
HSC1095-21-108-69	HSC109521	PINK	190	
HSC1095-21-108-70	HSC109521	PINK	210	
HSC1095-21-108-71	HSC109521	PINK	216	
HSC1095-21-108-72	HSC109521	PINK	221	
HSC1095-21-108-73	HSC109521	PINK	200	
HSC1095-21-108-74	HSC109521	PINK	199	
HSC1095-21-108-75	HSC109521	PINK	200	
HSC1095-21-108-76	HSC109521	PINK	220	
HSC1095-21-108-77	HSC109521	PINK	221	
HSC1095-21-108-78	HSC109521	PINK	213	
HSC1095-21-108-79	HSC109521	PINK	205	
HSC1095-21-108-80	HSC109521	PINK	235	
HSC1095-21-108-81	HSC109521	PINK	186	
HSC1095-21-108-82	HSC109521	PINK	206	
HSC1095-21-108-83	HSC109521	PINK	216	
HSC1095-21-108-84	HSC109521	PINK	216	
HSC1095-21-108-85	HSC109521	PINK	205	
HSC1095-21-108-86	HSC109521	PINK	203	
HSC1095-21-108-87	HSC109521	PINK	241	
HSC1095-21-108-88	HSC109521	PINK	207	
HSC1095-21-108-89	HSC109521	PINK	195	
HSC1095-21-108-90	HSC109521	PINK	207	
HSC1095-21-108-91	HSC109521	PINK	182	
HSC1095-21-108-92	HSC109521	PINK	200	
HSC1095-21-108-93	HSC109521	PINK	212	
HSC1095-21-108-94	HSC109521	PINK	213	
HSC1095-21-108-95	HSC109521	PINK	192	
HSC1095-21-108-96	HSC109521	PINK	209	
HSC1095-21-108-97	HSC109521	PINK	203	
HSC1095-21-108-98	HSC109521	PINK	200	
HSC1095-21-108-99	HSC109521	PINK	191	
HSC1095-21-108-100	HSC109521	PINK	202	
HSC1095-21-108-101	HSC109521	PINK	217	
HSC1095-21-108-102	HSC109521	PINK	224	
HSC1095-21-108-103	HSC109521	PINK	210	
HSC1095-21-108-104	HSC109521	PINK	199	
HSC1095-21-108-105	HSC109521	PINK	213	
HSC1095-21-108-106	HSC109521	PINK	209	
HSC1095-21-108-107	HSC109521	PINK	229	
HSC1095-21-108-108	HSC109521	PINK	214	
HSC1095-21-108-109	HSC109521	PINK	225	
HSC1095-21-108-110	HSC109521	PINK	195	
HSC1095-21-108-111	HSC109521	PINK	203	
HSC1095-21-108-112	HSC109521	PINK	220	
HSC1095-21-108-113	HSC109521	PINK	215	
HSC1095-21-108-114	HSC109521	PINK	207	
HSC1095-21-108-115	HSC109521	PINK	210	
HSC1095-21-108-116	HSC109521	PINK	202	
HSC1095-21-108-117	HSC109521	PINK	205	
HSC1095-21-108-118	HSC109521	PINK	239	
HSC1095-21-108-119	HSC109521	PINK	200	
HSC1095-21-108-120	HSC109521	PINK	202	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork Length (mm)	Sex
HSC1095-21-108-121	HSC109521	PINK	215	
HSC1095-21-108-122	HSC109521	PINK	229	
HSC1095-21-108-123	HSC109521	PINK	216	
HSC1095-21-108-124	HSC109521	PINK	219	
HSC1095-21-108-125	HSC109521	PINK	200	
HSC1095-21-108-126	HSC109521	PINK	231	
HSC1095-21-108-127	HSC109521	PINK	202	
HSC1095-21-108-128	HSC109521	PINK	249	
HSC1095-21-108-129	HSC109521	PINK	198	
HSC1095-21-108-130	HSC109521	PINK	216	
HSC1095-21-108-131	HSC109521	PINK	200	
HSC1095-21-108-132	HSC109521	PINK	200	
HSC1095-21-108-133	HSC109521	PINK	220	
HSC1095-21-108-134	HSC109521	PINK	221	
HSC1095-21-108-135	HSC109521	PINK	194	
HSC1095-21-108-136	HSC109521	PINK	195	
HSC1095-21-108-137	HSC109521	PINK	205	
HSC1095-21-108-138	HSC109521	PINK	203	
HSC1095-21-108-139	HSC109521	PINK	215	
HSC1095-21-108-140	HSC109521	PINK	213	
HSC1095-21-108-141	HSC109521	PINK	189	
HSC1095-21-108-142	HSC109521	PINK	203	
HSC1095-21-108-143	HSC109521	PINK	210	
HSC1095-21-108-144	HSC109521	PINK	200	
HSC1095-21-108-145	HSC109521	PINK	195	
HSC1095-21-108-146	HSC109521	PINK	212	
HSC1095-21-108-147	HSC109521	PINK	214	
HSC1095-21-108-148	HSC109521	PINK	205	
HSC1095-21-108-149	HSC109521	PINK	197	
HSC1095-21-108-150	HSC109521	PINK	220	
HSC1095-21-108-151	HSC109521	PINK	192	
HSC1095-21-108-152	HSC109521	PINK	224	
HSC1095-21-108-153	HSC109521	PINK	221	
HSC1095-21-108-154	HSC109521	PINK	198	
HSC1095-21-108-155	HSC109521	PINK	215	
HSC1095-21-108-156	HSC109521	PINK	207	
HSC1095-21-108-157	HSC109521	PINK	208	
HSC1095-21-108-158	HSC109521	PINK	223	
HSC1095-21-108-159	HSC109521	PINK	199	
HSC1095-21-108-160	HSC109521	PINK	219	
HSC1095-21-108-161	HSC109521	PINK	231	
HSC1095-21-108-162	HSC109521	PINK	202	
HSC1095-21-108-163	HSC109521	PINK	208	
HSC1095-21-108-164	HSC109521	PINK	211	
HSC1095-21-108-165	HSC109521	PINK	216	
HSC1095-21-108-166	HSC109521	PINK	230	
HSC1095-21-108-167	HSC109521	PINK	202	
HSC1095-21-108-168	HSC109521	PINK	205	
HSC1095-21-108-169	HSC109521	PINK	203	
HSC1095-21-108-170	HSC109521	PINK	219	
HSC1095-21-108-171	HSC109521	PINK	205	
HSC1095-21-108-172	HSC109521	PINK	203	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork Length (mm)	Sex
HSC1095-21-108-173	HSC109521	PINK	233	
HSC1095-21-108-174	HSC109521	PINK	207	
HSC1095-21-108-175	HSC109521	PINK	192	
HSC1095-21-108-176	HSC109521	PINK	221	
HSC1095-21-108-177	HSC109521	PINK	197	
HSC1095-21-108-178	HSC109521	PINK	215	
HSC1095-21-108-179	HSC109521	PINK	230	
HSC1095-21-108-180	HSC109521	PINK	235	
HSC1095-21-108-181	HSC109521	PINK	199	
HSC1095-21-108-182	HSC109521	PINK	230	
HSC1095-21-108-183	HSC109521	PINK	213	
HSC1095-21-108-184	HSC109521	PINK	235	
HSC1095-21-108-185	HSC109521	PINK	208	
HSC1095-21-108-186	HSC109521	PINK	193	
HSC1095-21-108-187	HSC109521	PINK	224	
HSC1095-21-108-188	HSC109521	PINK	204	
HSC1095-21-108-189	HSC109521	PINK	196	
HSC1095-21-108-190	HSC109521	PINK	206	
HSC1095-21-108-191	HSC109521	PINK	212	
HSC1095-21-108-192	HSC109521	PINK	218	
HSC1095-21-108-193	HSC109521	PINK	198	
HSC1095-21-108-194	HSC109521	PINK	205	
HSC1095-21-108-195	HSC109521	PINK	190	
HSC1095-21-108-196	HSC109521	PINK	202	
HSC1095-21-108-197	HSC109521	PINK	193	
HSC1095-21-108-198	HSC109521	PINK	213	
HSC1095-21-108-199	HSC109521	PINK	222	
HSC1095-21-108-200	HSC109521	PINK	209	
HSC1095-21-108-201	HSC109521	PINK	202	
HSC1095-21-108-202	HSC109521	PINK	209	
HSC1095-21-108-203	HSC109521	PINK	232	
HSC1095-21-108-204	HSC109521	PINK	200	
HSC1095-21-108-205	HSC109521	PINK	198	
HSC1095-21-108-206	HSC109521	PINK	213	
HSC1095-21-108-207	HSC109521	PINK	209	
HSC1095-21-108-208	HSC109521	PINK	216	
HSC1095-21-108-209	HSC109521	PINK	197	
HSC1095-21-108-210	HSC109521	PINK	201	
HSC1095-21-108-211	HSC109521	PINK	208	
HSC1095-21-108-212	HSC109521	PINK	210	
HSC1095-21-108-213	HSC109521	PINK	212	
HSC1095-21-108-214	HSC109521	PINK	202	
HSC1095-21-108-215	HSC109521	PINK	211	
HSC1095-21-108-216	HSC109521	PINK	211	
HSC1095-21-108-217	HSC109521	PINK	203	
HSC1095-21-108-218	HSC109521	PINK	202	
HSC1095-21-108-219	HSC109521	PINK	224	
HSC1095-21-108-220	HSC109521	PINK	201	
HSC1095-21-108-221	HSC109521	PINK	216	
HSC1095-21-108-222	HSC109521	PINK	207	
HSC1095-21-108-223	HSC109521	PINK	192	
HSC1095-21-108-224	HSC109521	PINK	194	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork Length (mm)	Sex
HSC1095-21-108-225	HSC109521	PINK	184	
HSC1095-21-108-226	HSC109521	PINK	211	
HSC1095-21-108-227	HSC109521	PINK	203	
HSC1095-21-108-228	HSC109521	PINK	192	
HSC1095-21-108-229	HSC109521	PINK	185	
HSC1095-21-108-230	HSC109521	PINK	198	
HSC1095-21-108-231	HSC109521	PINK	206	
HSC1095-21-108-232	HSC109521	PINK	195	
HSC1095-21-108-233	HSC109521	PINK	188	
HSC1095-21-108-234	HSC109521	PINK	212	
HSC1095-21-108-235	HSC109521	PINK	200	
HSC1095-21-108-236	HSC109521	PINK	218	
HSC1095-21-108-237	HSC109521	PINK	188	
HSC1095-21-108-238	HSC109521	PINK	194	
HSC1095-21-108-239	HSC109521	PINK	213	
HSC1095-21-108-240	HSC109521	PINK	204	
HSC1095-21-108-241	HSC109521	PINK	209	
HSC1095-21-108-242	HSC109521	PINK	215	
HSC1095-21-108-243	HSC109521	PINK	200	
HSC1095-21-108-244	HSC109521	PINK	196	
HSC1095-21-108-245	HSC109521	PINK	216	
HSC1095-21-108-246	HSC109521	PINK	201	
HSC1095-21-108-859	HSC109521	PINK	248	
HSC1095-21-108-860	HSC109521	PINK	208	
HSC1095-21-108-861	HSC109521	PINK	211	
HSC1095-21-108-862	HSC109521	PINK	226	
HSC1095-21-108-863	HSC109521	PINK	211	
HSC1095-21-108-864	HSC109521	PINK	218	
HSC1095-21-108-865	HSC109521	PINK	197	
HSC1095-21-108-866	HSC109521	PINK	203	
HSC1095-21-108-867	HSC109521	PINK	206	
HSC1095-21-108-868	HSC109521	PINK	227	
HSC1095-21-108-869	HSC109521	PINK	211	
HSC1095-21-108-870	HSC109521	PINK	201	
HSC1095-21-108-871	HSC109521	PINK	205	
HSC1095-21-108-872	HSC109521	PINK	208	
HSC1095-21-108-873	HSC109521	PINK	220	
HSC1095-21-108-874	HSC109521	PINK	216	
HSC1095-21-108-875	HSC109521	PINK	219	
HSC1095-21-108-876	HSC109521	PINK	244	
HSC1095-21-108-877	HSC109521	PINK	204	
HSC1095-21-108-878	HSC109521	PINK	217	
HSC1095-21-108-879	HSC109521	PINK	189	
HSC1095-21-108-880	HSC109521	PINK	211	
HSC1095-21-108-881	HSC109521	PINK	225	
HSC1095-21-108-882	HSC109521	PINK	209	
HSC1095-21-108-883	HSC109521	PINK	211	
HSC1095-22-108-1	HSC109522	PINK	218	
HSC1095-22-108-2	HSC109522	PINK	217	
HSC1095-22-108-3	HSC109522	PINK	242	
HSC1095-22-108-4	HSC109522	PINK	214	
HSC1095-22-108-5	HSC109522	PINK	241	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork Length (mm)	Sex
HSC1095-22-108-6	HSC109522	PINK	217	
HSC1095-22-108-7	HSC109522	PINK	203	
HSC1095-22-108-8	HSC109522	PINK	219	
HSC1095-22-108-9	HSC109522	PINK	220	
HSC1095-22-108-10	HSC109522	PINK	222	
HSC1095-22-108-11	HSC109522	PINK	246	
HSC1095-22-108-12	HSC109522	PINK	250	
HSC1095-22-108-13	HSC109522	PINK	196	
HSC1095-22-108-14	HSC109522	PINK	219	
HSC1095-22-108-15	HSC109522	PINK	206	
HSC1095-22-108-16	HSC109522	PINK	256	
HSC1095-22-108-17	HSC109522	PINK	236	
HSC1095-22-108-18	HSC109522	PINK	216	
HSC1095-22-108-19	HSC109522	PINK	217	
HSC1095-22-108-20	HSC109522	PINK	199	
HSC1095-22-108-21	HSC109522	PINK	261	
HSC1095-22-108-22	HSC109522	PINK	218	
HSC1095-22-108-23	HSC109522	PINK	220	
HSC1095-22-108-24	HSC109522	PINK	234	
HSC1095-22-108-25	HSC109522	PINK	213	
HSC1095-22-108-26	HSC109522	PINK	261	
HSC1095-22-108-27	HSC109522	PINK	195	
HSC1095-22-108-28	HSC109522	PINK	221	
HSC1095-22-108-29	HSC109522	PINK	210	
HSC1095-22-108-30	HSC109522	PINK	245	
HSC1095-22-108-31	HSC109522	PINK	202	
HSC1095-22-108-32	HSC109522	PINK	224	
HSC1095-22-108-33	HSC109522	PINK	192	
HSC1095-22-108-34	HSC109522	PINK	195	
HSC1095-22-108-35	HSC109522	PINK	201	
HSC1095-22-108-36	HSC109522	PINK	260	
HSC1095-22-108-37	HSC109522	PINK	232	
HSC1095-22-108-38	HSC109522	PINK	215	
HSC1095-22-108-39	HSC109522	PINK	201	
HSC1095-22-108-40	HSC109522	PINK	206	
HSC1095-22-108-41	HSC109522	PINK	248	
HSC1095-22-108-42	HSC109522	PINK	203	
HSC1095-22-108-43	HSC109522	PINK	222	
HSC1095-22-108-44	HSC109522	PINK	210	
HSC1095-22-108-45	HSC109522	PINK	210	
HSC1095-22-108-46	HSC109522	PINK	201	
HSC1095-22-108-47	HSC109522	PINK	201	
HSC1095-22-108-48	HSC109522	PINK	212	
HSC1095-22-108-49	HSC109522	PINK	227	
HSC1095-22-108-50	HSC109522	PINK	238	
HSC1095-22-108-51	HSC109522	PINK	224	
HSC1095-22-108-52	HSC109522	PINK	187	
HSC1095-22-108-53	HSC109522	PINK	210	
HSC1095-22-108-54	HSC109522	PINK	212	
HSC1095-22-108-55	HSC109522	PINK	228	
HSC1095-22-108-56	HSC109522	PINK	206	
HSC1095-22-108-57	HSC109522	PINK	207	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork Length (mm)	Sex
HSC1095-22-108-58	HSC109522	PINK	216	
HSC1095-22-108-59	HSC109522	PINK	216	
HSC1095-22-108-60	HSC109522	PINK	238	
HSC1095-22-108-61	HSC109522	PINK	207	
HSC1095-22-108-62	HSC109522	PINK	214	
HSC1095-22-108-63	HSC109522	PINK	226	
HSC1095-22-108-64	HSC109522	PINK	215	
HSC1095-22-108-65	HSC109522	PINK	217	
HSC1095-22-108-66	HSC109522	PINK	254	
HSC1095-22-108-67	HSC109522	PINK	215	
HSC1095-22-108-68	HSC109522	PINK	211	
HSC1095-22-108-69	HSC109522	PINK	221	
HSC1095-22-108-70	HSC109522	PINK	225	
HSC1095-22-108-71	HSC109522	PINK	223	
HSC1095-22-108-72	HSC109522	PINK	212	
HSC1095-22-108-73	HSC109522	PINK	228	
HSC1095-22-108-74	HSC109522	PINK	211	
HSC1095-22-108-75	HSC109522	PINK	213	
HSC1095-22-108-76	HSC109522	PINK	224	
HSC1095-22-108-77	HSC109522	PINK	210	
HSC1095-22-108-78	HSC109522	PINK	187	
HSC1095-22-108-79	HSC109522	PINK	222	
HSC1095-22-108-80	HSC109522	PINK	193	
HSC1095-22-108-81	HSC109522	PINK	214	
HSC1095-22-108-82	HSC109522	PINK	226	
HSC1095-22-108-83	HSC109522	PINK	202	
HSC1095-22-108-84	HSC109522	PINK	237	
HSC1095-22-108-85	HSC109522	PINK	217	
HSC1095-22-108-86	HSC109522	PINK	221	
HSC1095-22-108-87	HSC109522	PINK	234	
HSC1095-22-108-88	HSC109522	PINK	197	
HSC1095-22-108-89	HSC109522	PINK	212	
HSC1095-22-108-90	HSC109522	PINK	250	
HSC1095-22-108-91	HSC109522	PINK	229	
HSC1095-22-108-92	HSC109522	PINK	205	
HSC1095-22-108-93	HSC109522	PINK	220	
HSC1095-22-108-94	HSC109522	PINK	230	
HSC1095-22-108-95	HSC109522	PINK	227	
HSC1095-22-108-96	HSC109522	PINK	238	
HSC1095-22-108-97	HSC109522	PINK	208	
HSC1095-22-108-98	HSC109522	PINK	256	
HSC1095-22-108-99	HSC109522	PINK	224	
HSC1095-22-108-100	HSC109522	PINK	210	
HSC1095-22-108-101	HSC109522	PINK	217	
HSC1095-22-108-102	HSC109522	PINK	207	
HSC1095-22-108-103	HSC109522	PINK	229	
HSC1095-22-108-104	HSC109522	PINK	205	
HSC1095-22-108-105	HSC109522	PINK	212	
HSC1095-22-108-106	HSC109522	PINK	223	
HSC1095-22-108-107	HSC109522	PINK	216	
HSC1095-22-108-108	HSC109522	PINK	193	
HSC1095-22-108-109	HSC109522	PINK	223	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork Length (mm)	Sex
HSC1095-22-108-110	HSC109522	PINK	216	
HSC1095-22-108-111	HSC109522	PINK	216	
HSC1095-22-108-112	HSC109522	PINK	205	
HSC1095-22-108-113	HSC109522	PINK	244	
HSC1095-22-108-114	HSC109522	PINK	214	
HSC1095-22-108-115	HSC109522	PINK	205	
HSC1095-22-108-116	HSC109522	PINK	260	
HSC1095-22-108-117	HSC109522	PINK	207	
HSC1095-22-108-118	HSC109522	PINK	260	
HSC1095-22-108-119	HSC109522	PINK	219	
HSC1095-22-108-120	HSC109522	PINK	242	
HSC1095-22-108-121	HSC109522	PINK	198	
HSC1095-22-108-122	HSC109522	PINK	246	
HSC1095-22-108-123	HSC109522	PINK	200	
HSC1095-22-108-124	HSC109522	PINK	220	
HSC1095-22-108-125	HSC109522	PINK	220	
HSC1095-22-108-126	HSC109522	PINK	240	
HSC1095-22-108-127	HSC109522	PINK	204	
HSC1095-22-108-128	HSC109522	PINK	217	
HSC1095-22-108-129	HSC109522	PINK	201	
HSC1095-22-108-130	HSC109522	PINK	213	
HSC1095-22-108-131	HSC109522	PINK	220	
HSC1095-22-108-132	HSC109522	PINK	214	
HSC1095-22-108-133	HSC109522	PINK	215	
HSC1095-22-108-134	HSC109522	PINK	207	
HSC1095-22-108-135	HSC109522	PINK	215	
HSC1095-22-108-136	HSC109522	PINK	222	
HSC1095-22-108-137	HSC109522	PINK	196	
HSC1095-22-108-138	HSC109522	PINK	218	
HSC1095-22-108-139	HSC109522	PINK	223	
HSC1095-22-108-140	HSC109522	PINK	198	
HSC1095-22-108-141	HSC109522	PINK	260	
HSC1095-22-108-142	HSC109522	PINK	233	
HSC1095-22-108-143	HSC109522	PINK	200	
HSC1095-22-108-144	HSC109522	PINK	210	
HSC1095-22-108-145	HSC109522	PINK	215	
HSC1095-22-108-146	HSC109522	PINK	238	
HSC1095-22-108-147	HSC109522	PINK	216	
HSC1095-22-108-148	HSC109522	PINK	220	
HSC1095-22-108-149	HSC109522	PINK	234	
HSC1095-22-108-150	HSC109522	PINK	203	
HSC1095-22-108-907	HSC109522	PINK	200	
HSC1095-22-108-908	HSC109522	PINK	274	
HSC1095-22-108-909	HSC109522	PINK	223	
HSC1095-22-108-910	HSC109522	PINK	242	
HSC1095-22-108-911	HSC109522	PINK	217	
HSC1095-22-108-912	HSC109522	PINK	237	
HSC1095-22-108-913	HSC109522	PINK	212	
HSC1095-22-108-914	HSC109522	PINK	240	
HSC1095-22-108-915	HSC109522	PINK	213	
HSC1095-22-108-916	HSC109522	PINK	220	
HSC1095-22-108-917	HSC109522	PINK	236	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork	Sex
			Length (mm)	
HSC1095-22-108-918	HSC109522	PINK	207	
HSC1095-22-108-919	HSC109522	PINK	223	
HSC1095-22-108-920	HSC109522	PINK	219	
HSC1095-22-108-921	HSC109522	PINK	207	
HSC1095-22-108-922	HSC109522	PINK	229	
HSC1095-22-108-923	HSC109522	PINK	205	
HSC1095-22-108-924	HSC109522	PINK	233	
HSC1095-22-108-925	HSC109522	PINK	227	
HSC1095-22-108-926	HSC109522	PINK	228	
HSC1095-22-108-927	HSC109522	PINK	235	
HSC1095-22-108-928	HSC109522	PINK	233	
HSC1095-22-108-929	HSC109522	PINK	221	
HSC1095-22-108-930	HSC109522	PINK	175	
HSC1095-22-108-931	HSC109522	PINK	212	
HSC1095-23-108-1	HSC109523	PINK	252	
HSC1095-23-108-2	HSC109523	PINK	270	
HSC1095-23-108-3	HSC109523	PINK	246	
HSC1095-23-108-4	HSC109523	PINK	259	
HSC1095-23-108-5	HSC109523	PINK	217	
HSC1095-23-108-6	HSC109523	PINK	236	
HSC1095-23-108-7	HSC109523	PINK	253	
HSC1095-23-108-8	HSC109523	PINK	257	
HSC1095-23-108-9	HSC109523	PINK	227	
HSC1095-23-108-10	HSC109523	PINK	226	
HSC1095-23-108-11	HSC109523	PINK	229	
HSC1095-23-108-12	HSC109523	PINK	203	
HSC1095-23-108-13	HSC109523	PINK	245	
HSC1095-23-108-14	HSC109523	PINK	257	
HSC1095-23-108-15	HSC109523	PINK	213	
HSC1095-23-108-16	HSC109523	PINK	191	
HSC1095-23-108-17	HSC109523	PINK	268	
HSC1095-23-108-18	HSC109523	PINK	245	
HSC1095-23-108-19	HSC109523	PINK	292	
HSC1095-23-108-20	HSC109523	PINK	240	
HSC1095-23-108-21	HSC109523	PINK	220	
HSC1095-23-108-22	HSC109523	PINK	246	
HSC1095-23-108-23	HSC109523	PINK	260	
HSC1095-23-108-24	HSC109523	PINK	228	
HSC1095-23-108-25	HSC109523	PINK	247	
HSC1095-23-108-26	HSC109523	PINK	230	
HSC1095-23-108-27	HSC109523	PINK	230	
HSC1095-23-108-28	HSC109523	PINK	232	
HSC1095-23-108-29	HSC109523	PINK	228	
HSC1095-23-108-30	HSC109523	PINK	231	
HSC1095-23-108-31	HSC109523	PINK	241	
HSC1095-23-108-32	HSC109523	PINK	254	
HSC1095-23-108-33	HSC109523	PINK	243	
HSC1095-23-108-34	HSC109523	PINK	223	
HSC1095-23-108-35	HSC109523	PINK	235	
HSC1095-23-108-36	HSC109523	PINK	235	
HSC1095-23-108-37	HSC109523	PINK	248	
HSC1095-23-108-38	HSC109523	PINK	252	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork	Sex
			Length (mm)	
HSC1095-23-108-39	HSC109523	PINK	233	
HSC1095-23-108-40	HSC109523	PINK	246	
HSC1095-23-108-41	HSC109523	PINK	232	
HSC1095-23-108-42	HSC109523	PINK	237	
HSC1095-23-108-43	HSC109523	PINK	233	
HSC1095-23-108-44	HSC109523	PINK	241	
HSC1095-23-108-45	HSC109523	PINK	243	
HSC1095-23-108-46	HSC109523	PINK	268	
HSC1095-23-108-47	HSC109523	PINK	252	
HSC1095-23-108-48	HSC109523	PINK	275	
HSC1095-23-108-49	HSC109523	PINK	253	
HSC1095-23-108-50	HSC109523	PINK	246	
HSC1095-23-108-51	HSC109523	PINK	246	
HSC1095-23-108-52	HSC109523	PINK	248	
HSC1095-23-108-53	HSC109523	PINK	236	
HSC1095-23-108-54	HSC109523	PINK	253	
HSC1095-23-108-55	HSC109523	PINK	268	
HSC1095-23-108-56	HSC109523	PINK	244	
HSC1095-23-108-57	HSC109523	PINK	232	
HSC1095-23-108-58	HSC109523	PINK	245	
HSC1095-23-108-59	HSC109523	PINK	251	
HSC1095-23-108-60	HSC109523	PINK	211	
HSC1095-23-108-61	HSC109523	PINK	218	
HSC1095-23-108-62	HSC109523	PINK	254	
HSC1095-23-108-63	HSC109523	PINK	254	
HSC1095-23-108-64	HSC109523	PINK	242	
HSC1095-23-108-65	HSC109523	PINK	242	
HSC1095-23-108-66	HSC109523	PINK	230	
HSC1095-23-108-67	HSC109523	PINK	238	
HSC1095-23-108-68	HSC109523	PINK	238	
HSC1095-23-108-69	HSC109523	PINK	261	
HSC1095-23-108-70	HSC109523	PINK	245	
HSC1095-23-108-71	HSC109523	PINK	246	
HSC1095-23-108-72	HSC109523	PINK	230	
HSC1095-23-108-73	HSC109523	PINK	248	
HSC1095-23-108-74	HSC109523	PINK	223	
HSC1095-23-108-75	HSC109523	PINK	247	
HSC1095-23-108-76	HSC109523	PINK	242	
HSC1095-23-108-77	HSC109523	PINK	250	
HSC1095-23-108-78	HSC109523	PINK	260	
HSC1095-23-108-79	HSC109523	PINK	256	
HSC1095-23-108-80	HSC109523	PINK	251	
HSC1095-23-108-81	HSC109523	PINK	250	
HSC1095-23-108-82	HSC109523	PINK	275	
HSC1095-23-108-83	HSC109523	PINK	248	
HSC1095-23-108-84	HSC109523	PINK	232	
HSC1095-23-108-85	HSC109523	PINK	264	
HSC1095-23-108-86	HSC109523	PINK	262	
HSC1095-23-108-87	HSC109523	PINK	241	
HSC1095-23-108-88	HSC109523	PINK	250	
HSC1095-23-108-89	HSC109523	PINK	235	
HSC1095-23-108-90	HSC109523	PINK	246	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork Length (mm)	Sex
HSC1095-23-108-91	HSC109523	PINK	238	
HSC1095-23-108-92	HSC109523	PINK	241	
HSC1095-23-108-93	HSC109523	PINK	232	
HSC1095-23-108-94	HSC109523	PINK	216	
HSC1095-23-108-95	HSC109523	PINK	232	
HSC1095-23-108-96	HSC109523	PINK	220	
HSC1095-23-108-97	HSC109523	PINK	232	
HSC1095-23-108-98	HSC109523	PINK	221	
HSC1095-23-108-99	HSC109523	PINK	244	
HSC1095-23-108-100	HSC109523	PINK	240	
HSC1095-23-108-101	HSC109523	PINK	228	
HSC1095-23-108-102	HSC109523	PINK	226	
HSC1095-23-108-103	HSC109523	PINK	251	
HSC1095-23-108-104	HSC109523	PINK	241	
HSC1095-23-108-105	HSC109523	PINK	224	
HSC1095-23-108-106	HSC109523	PINK	232	
HSC1095-23-108-107	HSC109523	PINK	262	
HSC1095-23-108-108	HSC109523	PINK	236	
HSC1095-23-108-109	HSC109523	PINK	267	
HSC1095-23-108-110	HSC109523	PINK	244	
HSC1095-23-108-111	HSC109523	PINK	243	
HSC1095-23-108-112	HSC109523	PINK	246	
HSC1095-23-108-113	HSC109523	PINK	265	
HSC1095-23-108-114	HSC109523	PINK	268	
HSC1095-23-108-115	HSC109523	PINK	264	
HSC1095-23-108-116	HSC109523	PINK	226	
HSC1095-23-108-117	HSC109523	PINK	265	
HSC1095-23-108-118	HSC109523	PINK	254	
HSC1095-23-108-119	HSC109523	PINK	263	
HSC1095-23-108-120	HSC109523	PINK	270	
HSC1095-23-108-121	HSC109523	PINK	232	
HSC1095-23-108-122	HSC109523	PINK	218	
HSC1095-23-108-123	HSC109523	PINK	234	
HSC1095-23-108-124	HSC109523	PINK	247	
HSC1095-23-108-125	HSC109523	PINK	254	
HSC1095-23-108-126	HSC109523	PINK	235	
HSC1095-23-108-127	HSC109523	PINK	263	
HSC1095-23-108-128	HSC109523	PINK	234	
HSC1095-23-108-129	HSC109523	PINK	224	
HSC1095-23-108-130	HSC109523	PINK	257	
HSC1095-23-108-131	HSC109523	PINK	250	
HSC1095-23-108-132	HSC109523	PINK	234	
HSC1095-23-108-133	HSC109523	PINK	240	
HSC1095-23-108-134	HSC109523	PINK	262	
HSC1095-23-108-135	HSC109523	PINK	211	
HSC1095-23-108-136	HSC109523	PINK	250	
HSC1095-23-108-137	HSC109523	PINK	240	
HSC1095-23-108-138	HSC109523	PINK	237	
HSC1095-23-108-946	HSC109523	PINK	211	
HSC1095-23-108-947	HSC109523	PINK	212	
HSC1095-23-108-948	HSC109523	PINK	257	
HSC1095-23-108-949	HSC109523	PINK	250	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork	Sex
			Length (mm)	
HSC1095-23-108-950	HSC109523	PINK	262	
HSC1095-23-108-951	HSC109523	PINK	235	
HSC1095-23-108-952	HSC109523	PINK	238	
HSC1095-23-108-953	HSC109523	PINK	246	
HSC1095-23-108-954	HSC109523	PINK	240	
HSC1095-23-108-955	HSC109523	PINK	265	
HSC1095-23-108-956	HSC109523	PINK	263	
HSC1095-23-108-957	HSC109523	PINK	257	
HSC1095-23-108-958	HSC109523	PINK	232	
HSC1095-23-108-959	HSC109523	PINK	229	
HSC1095-23-108-960	HSC109523	PINK	255	
HSC1095-24-108-1	HSC109524	PINK	244	
HSC1095-24-108-2	HSC109524	PINK	268	
HSC1095-24-108-3	HSC109524	PINK	246	
HSC1095-24-108-4	HSC109524	PINK	263	
HSC1095-24-108-5	HSC109524	PINK	267	
HSC1095-24-108-6	HSC109524	PINK	265	
HSC1095-24-108-7	HSC109524	PINK	252	
HSC1095-24-108-8	HSC109524	PINK	243	
HSC1095-24-108-9	HSC109524	PINK	230	
HSC1095-24-108-10	HSC109524	PINK	230	
HSC1095-24-108-11	HSC109524	PINK	275	
HSC1095-24-108-12	HSC109524	PINK	227	
HSC1095-24-108-13	HSC109524	PINK	250	
HSC1095-24-108-14	HSC109524	PINK	231	
HSC1095-24-108-15	HSC109524	PINK	242	
HSC1095-24-108-16	HSC109524	PINK	236	
HSC1095-24-108-17	HSC109524	PINK	262	
HSC1095-24-108-18	HSC109524	PINK	236	
HSC1095-24-108-19	HSC109524	PINK	273	
HSC1095-24-108-20	HSC109524	PINK	244	
HSC1095-24-108-21	HSC109524	PINK	262	
HSC1095-24-108-22	HSC109524	PINK	261	
HSC1095-24-108-23	HSC109524	PINK	241	
HSC1095-24-108-24	HSC109524	PINK	230	
HSC1095-24-108-25	HSC109524	PINK	238	
HSC1095-24-108-26	HSC109524	PINK	245	
HSC1095-24-108-27	HSC109524	PINK	248	
HSC1095-24-108-28	HSC109524	PINK	251	
HSC1095-24-108-29	HSC109524	PINK	236	
HSC1095-24-108-30	HSC109524	PINK	223	
HSC1095-24-108-31	HSC109524	PINK	211	
HSC1095-24-108-32	HSC109524	PINK	256	
HSC1095-24-108-33	HSC109524	PINK	216	
HSC1095-24-108-34	HSC109524	PINK	272	
HSC1095-24-108-35	HSC109524	PINK	229	
HSC1095-25-108-986	HSC109525	PINK	207	
HSC1095-25-108-987	HSC109525	PINK	202	
HSC1095-25-108-988	HSC109525	PINK	187	
HSC1095-25-108-989	HSC109525	PINK	200	
HSC1095-25-108-990	HSC109525	PINK	192	
HSC1095-25-108-991	HSC109525	PINK	185	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork Length (mm)	Sex
HSC1095-25-108-992	HSC109525	PINK	179	
HSC1095-26-108-995	HSC109526	PINK	189	
HSC1095-26-108-996	HSC109526	PINK	198	
HSC1095-26-108-997	HSC109526	PINK	185	
HSC1095-26-108-998	HSC109526	PINK	210	
HSC1095-26-108-999	HSC109526	PINK	211	
HSC1095-26-108-1000	HSC109526	PINK	193	
HSC1095-26-108-1001	HSC109526	PINK	203	
HSC1095-26-108-1002	HSC109526	PINK	205	
HSC1095-26-108-1003	HSC109526	PINK	183	
HSC1095-26-108-1004	HSC109526	PINK	228	
HSC1095-26-108-1005	HSC109526	PINK	190	
HSC1095-26-108-1006	HSC109526	PINK	217	
HSC1095-26-108-1007	HSC109526	PINK	200	
HSC1095-26-108-1008	HSC109526	PINK	191	
HSC1095-27-108-1010	HSC109527	PINK	200	
HSC1095-27-108-1011	HSC109527	PINK	197	
HSC1095-27-108-1012	HSC109527	PINK	217	
HSC1095-27-108-1013	HSC109527	PINK	201	
HSC1095-27-108-1014	HSC109527	PINK	201	
HSC1095-27-108-1015	HSC109527	PINK	186	
HSC1095-28-108-1	HSC109528	PINK	205	
HSC1095-28-108-2	HSC109528	PINK	197	
HSC1095-28-108-3	HSC109528	PINK	195	
HSC1095-28-108-4	HSC109528	PINK	210	
HSC1095-28-108-5	HSC109528	PINK	216	
HSC1095-28-108-6	HSC109528	PINK	205	
HSC1095-28-108-7	HSC109528	PINK	203	
HSC1095-28-108-8	HSC109528	PINK	211	
HSC1095-28-108-9	HSC109528	PINK	213	
HSC1095-28-108-10	HSC109528	PINK	197	
HSC1095-28-108-11	HSC109528	PINK	192	
HSC1095-28-108-12	HSC109528	PINK	215	
HSC1095-28-108-13	HSC109528	PINK	187	
HSC1095-28-108-14	HSC109528	PINK	212	
HSC1095-28-108-15	HSC109528	PINK	225	
HSC1095-28-108-16	HSC109528	PINK	205	
HSC1095-28-108-17	HSC109528	PINK	213	
HSC1095-28-108-18	HSC109528	PINK	240	
HSC1095-28-108-19	HSC109528	PINK	190	
HSC1095-28-108-20	HSC109528	PINK	205	
HSC1095-28-108-21	HSC109528	PINK	231	
HSC1095-28-108-22	HSC109528	PINK	200	
HSC1095-28-108-23	HSC109528	PINK	200	
HSC1095-28-108-24	HSC109528	PINK	215	
HSC1095-28-108-25	HSC109528	PINK	195	
HSC1095-28-108-26	HSC109528	PINK	216	
HSC1095-28-108-27	HSC109528	PINK	212	
HSC1095-28-108-28	HSC109528	PINK	224	
HSC1095-28-108-29	HSC109528	PINK	194	
HSC1095-28-108-30	HSC109528	PINK	208	
HSC1095-28-108-31	HSC109528	PINK	217	

Table 2. Biological data collected for each Pacific salmon caught on the
F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork Length (mm)	Sex
HSC1095-28-108-32	HSC109528	PINK	205	
HSC1095-28-108-33	HSC109528	PINK	203	
HSC1095-28-108-34	HSC109528	PINK	220	
HSC1095-28-108-35	HSC109528	PINK	180	
HSC1095-28-108-36	HSC109528	PINK	210	
HSC1095-28-108-37	HSC109528	PINK	220	
HSC1095-28-108-38	HSC109528	PINK	213	
HSC1095-28-108-39	HSC109528	PINK	198	
HSC1095-28-108-40	HSC109528	PINK	223	
HSC1095-28-108-41	HSC109528	PINK	206	
HSC1095-28-108-42	HSC109528	PINK	207	
HSC1095-28-108-43	HSC109528	PINK	212	
HSC1095-28-108-44	HSC109528	PINK	199	
HSC1095-28-108-45	HSC109528	PINK	212	
HSC1095-28-108-46	HSC109528	PINK	222	
HSC1095-28-108-47	HSC109528	PINK	218	
HSC1095-28-108-48	HSC109528	PINK	195	
HSC1095-28-108-49	HSC109528	PINK	200	
HSC1095-28-108-50	HSC109528	PINK	189	
HSC1095-28-108-51	HSC109528	PINK	195	
HSC1095-28-108-52	HSC109528	PINK	197	
HSC1095-28-108-53	HSC109528	PINK	213	
HSC1095-28-108-54	HSC109528	PINK	214	
HSC1095-28-108-55	HSC109528	PINK	202	
HSC1095-28-108-56	HSC109528	PINK	210	
HSC1095-28-108-57	HSC109528	PINK	212	
HSC1095-28-108-58	HSC109528	PINK	220	
HSC1095-28-108-59	HSC109528	PINK	218	
HSC1095-28-108-60	HSC109528	PINK	208	
HSC1095-28-108-61	HSC109528	PINK	205	
HSC1095-28-108-62	HSC109528	PINK	212	
HSC1095-28-108-63	HSC109528	PINK	188	
HSC1095-28-108-64	HSC109528	PINK	204	
HSC1095-28-108-65	HSC109528	PINK	203	
HSC1095-28-108-66	HSC109528	PINK	216	
HSC1095-28-108-67	HSC109528	PINK	210	
HSC1095-28-108-68	HSC109528	PINK	188	
HSC1095-28-108-69	HSC109528	PINK	213	
HSC1095-28-108-70	HSC109528	PINK	208	
HSC1095-28-108-71	HSC109528	PINK	199	
HSC1095-28-108-72	HSC109528	PINK	201	
HSC1095-28-108-73	HSC109528	PINK	212	
HSC1095-28-108-74	HSC109528	PINK	195	
HSC1095-28-108-75	HSC109528	PINK	208	
HSC1095-28-108-76	HSC109528	PINK	201	
HSC1095-28-108-77	HSC109528	PINK	213	
HSC1095-28-108-78	HSC109528	PINK	208	
HSC1095-28-108-79	HSC109528	PINK	205	
HSC1095-28-108-80	HSC109528	PINK	215	
HSC1095-28-108-81	HSC109528	PINK	212	
HSC1095-28-108-82	HSC109528	PINK	209	
HSC1095-28-108-83	HSC109528	PINK	212	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork	Sex
			Length (mm)	
HSC1095-28-108-84	HSC109528	PINK	192	
HSC1095-28-108-85	HSC109528	PINK	258	
HSC1095-28-108-86	HSC109528	PINK	208	
HSC1095-28-108-87	HSC109528	PINK	207	
HSC1095-28-108-88	HSC109528	PINK	234	
HSC1095-28-108-89	HSC109528	PINK	221	
HSC1095-28-108-90	HSC109528	PINK	186	
HSC1095-28-108-91	HSC109528	PINK	210	
HSC1095-28-108-92	HSC109528	PINK	205	
HSC1095-28-108-93	HSC109528	PINK	202	
HSC1095-28-108-94	HSC109528	PINK	215	
HSC1095-28-108-95	HSC109528	PINK	190	
HSC1095-28-108-96	HSC109528	PINK	187	
HSC1095-28-108-97	HSC109528	PINK	197	
HSC1095-28-108-98	HSC109528	PINK	178	
HSC1095-28-108-99	HSC109528	PINK	207	
HSC1095-28-108-100	HSC109528	PINK	197	
HSC1095-28-108-101	HSC109528	PINK	210	
HSC1095-28-108-102	HSC109528	PINK	213	
HSC1095-28-108-103	HSC109528	PINK	215	
HSC1095-28-108-104	HSC109528	PINK	207	
HSC1095-28-108-105	HSC109528	PINK	195	
HSC1095-28-108-106	HSC109528	PINK	203	
HSC1095-28-108-107	HSC109528	PINK	198	
HSC1095-28-108-108	HSC109528	PINK	232	
HSC1095-28-108-109	HSC109528	PINK	245	
HSC1095-28-108-110	HSC109528	PINK	198	
HSC1095-28-108-111	HSC109528	PINK	214	
HSC1095-28-108-112	HSC109528	PINK	202	
HSC1095-28-108-113	HSC109528	PINK	194	
HSC1095-28-108-114	HSC109528	PINK	196	
HSC1095-28-108-115	HSC109528	PINK	192	
HSC1095-28-108-116	HSC109528	PINK	208	
HSC1095-28-108-117	HSC109528	PINK	203	
HSC1095-28-108-118	HSC109528	PINK	204	
HSC1095-28-108-119	HSC109528	PINK	205	
HSC1095-28-108-120	HSC109528	PINK	174	
HSC1095-28-108-121	HSC109528	PINK	220	
HSC1095-28-108-122	HSC109528	PINK	187	
HSC1095-28-108-123	HSC109528	PINK	203	
HSC1095-28-108-124	HSC109528	PINK	200	
HSC1095-28-108-125	HSC109528	PINK	213	
HSC1095-28-108-126	HSC109528	PINK	220	
HSC1095-28-108-127	HSC109528	PINK	212	
HSC1095-28-108-128	HSC109528	PINK	212	
HSC1095-28-108-129	HSC109528	PINK	217	
HSC1095-28-108-130	HSC109528	PINK	217	
HSC1095-28-108-131	HSC109528	PINK	206	
HSC1095-28-108-132	HSC109528	PINK	193	
HSC1095-28-108-133	HSC109528	PINK	195	
HSC1095-28-108-134	HSC109528	PINK	196	
HSC1095-28-108-135	HSC109528	PINK	198	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork Length (mm)	Sex
HSC1095-28-108-136	HSC109528	PINK	176	
HSC1095-28-108-137	HSC109528	PINK	174	
HSC1095-28-108-138	HSC109528	PINK	210	
HSC1095-28-108-139	HSC109528	PINK	201	
HSC1095-28-108-140	HSC109528	PINK	226	
HSC1095-28-108-141	HSC109528	PINK	213	
HSC1095-28-108-142	HSC109528	PINK	208	
HSC1095-28-108-143	HSC109528	PINK	213	
HSC1095-28-108-144	HSC109528	PINK	204	
HSC1095-28-108-145	HSC109528	PINK	203	
HSC1095-28-108-146	HSC109528	PINK	200	
HSC1095-28-108-147	HSC109528	PINK	203	
HSC1095-28-108-148	HSC109528	PINK	195	
HSC1095-28-108-149	HSC109528	PINK	219	
HSC1095-28-108-150	HSC109528	PINK	184	
HSC1095-28-108-151	HSC109528	PINK	188	
HSC1095-28-108-152	HSC109528	PINK	212	
HSC1095-28-108-153	HSC109528	PINK	208	
HSC1095-28-108-154	HSC109528	PINK	208	
HSC1095-28-108-155	HSC109528	PINK	204	
HSC1095-28-108-156	HSC109528	PINK	215	
HSC1095-28-108-157	HSC109528	PINK	200	
HSC1095-28-108-158	HSC109528	PINK	224	
HSC1095-28-108-159	HSC109528	PINK	200	
HSC1095-28-108-160	HSC109528	PINK	200	
HSC1095-28-108-161	HSC109528	PINK	198	
HSC1095-28-108-162	HSC109528	PINK	207	
HSC1095-28-108-163	HSC109528	PINK	218	
HSC1095-28-108-164	HSC109528	PINK	202	
HSC1095-28-108-165	HSC109528	PINK	205	
HSC1095-28-108-166	HSC109528	PINK	212	
HSC1095-28-108-167	HSC109528	PINK	181	
HSC1095-28-108-168	HSC109528	PINK	219	
HSC1095-28-108-169	HSC109528	PINK	213	
HSC1095-28-108-170	HSC109528	PINK	183	
HSC1095-28-108-171	HSC109528	PINK	203	
HSC1095-28-108-172	HSC109528	PINK	213	
HSC1095-28-108-173	HSC109528	PINK	183	
HSC1095-28-108-174	HSC109528	PINK	210	
HSC1095-28-108-175	HSC109528	PINK	215	
HSC1095-28-108-176	HSC109528	PINK	207	
HSC1095-28-108-177	HSC109528	PINK	185	
HSC1095-28-108-178	HSC109528	PINK	195	
HSC1095-28-108-179	HSC109528	PINK	212	
HSC1095-28-108-180	HSC109528	PINK	211	
HSC1095-28-108-181	HSC109528	PINK	200	
HSC1095-28-108-182	HSC109528	PINK	212	
HSC1095-28-108-183	HSC109528	PINK	209	
HSC1095-28-108-184	HSC109528	PINK	200	
HSC1095-28-108-185	HSC109528	PINK	218	
HSC1095-28-108-186	HSC109528	PINK	206	
HSC1095-28-108-187	HSC109528	PINK	185	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork Length (mm)	Sex
HSC1095-28-108-188	HSC109528	PINK	202	
HSC1095-28-108-189	HSC109528	PINK	202	
HSC1095-28-108-190	HSC109528	PINK	205	
HSC1095-28-108-191	HSC109528	PINK	173	
HSC1095-28-108-192	HSC109528	PINK	201	
HSC1095-28-108-193	HSC109528	PINK	210	
HSC1095-28-108-194	HSC109528	PINK	214	
HSC1095-28-108-195	HSC109528	PINK	228	
HSC1095-28-108-196	HSC109528	PINK	199	
HSC1095-28-108-197	HSC109528	PINK	197	
HSC1095-28-108-198	HSC109528	PINK	210	
HSC1095-28-108-199	HSC109528	PINK	220	
HSC1095-28-108-200	HSC109528	PINK	193	
HSC1095-28-108-201	HSC109528	PINK	212	
HSC1095-28-108-202	HSC109528	PINK	228	
HSC1095-28-108-203	HSC109528	PINK	198	
HSC1095-28-108-204	HSC109528	PINK	210	
HSC1095-28-108-205	HSC109528	PINK	222	
HSC1095-28-108-206	HSC109528	PINK	212	
HSC1095-28-108-207	HSC109528	PINK	227	
HSC1095-28-108-208	HSC109528	PINK	182	
HSC1095-28-108-209	HSC109528	PINK	219	
HSC1095-28-108-210	HSC109528	PINK	200	
HSC1095-28-108-211	HSC109528	PINK	204	
HSC1095-28-108-212	HSC109528	PINK	200	
HSC1095-28-108-213	HSC109528	PINK	208	
HSC1095-28-108-214	HSC109528	PINK	192	
HSC1095-28-108-215	HSC109528	PINK	189	
HSC1095-28-108-216	HSC109528	PINK	200	
HSC1095-28-108-217	HSC109528	PINK	205	
HSC1095-28-108-218	HSC109528	PINK	208	
HSC1095-28-108-219	HSC109528	PINK	200	
HSC1095-28-108-220	HSC109528	PINK	177	
HSC1095-28-108-221	HSC109528	PINK	216	
HSC1095-28-108-222	HSC109528	PINK	202	
HSC1095-28-108-223	HSC109528	PINK	201	
HSC1095-28-108-224	HSC109528	PINK	190	
HSC1095-28-108-225	HSC109528	PINK	204	
HSC1095-28-108-226	HSC109528	PINK	204	
HSC1095-28-108-227	HSC109528	PINK	192	
HSC1095-28-108-228	HSC109528	PINK	186	
HSC1095-28-108-229	HSC109528	PINK	212	
HSC1095-28-108-230	HSC109528	PINK	212	
HSC1095-28-108-231	HSC109528	PINK	194	
HSC1095-28-108-232	HSC109528	PINK	220	
HSC1095-28-108-233	HSC109528	PINK	195	
HSC1095-28-108-234	HSC109528	PINK	215	
HSC1095-28-108-235	HSC109528	PINK	218	
HSC1095-28-108-236	HSC109528	PINK	204	
HSC1095-28-108-237	HSC109528	PINK	204	
HSC1095-28-108-238	HSC109528	PINK	218	
HSC1095-28-108-239	HSC109528	PINK	212	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork	Sex
			Length (mm)	
HSC1095-28-108-240	HSC109528	PINK	210	
HSC1095-28-108-241	HSC109528	PINK	220	
HSC1095-28-108-242	HSC109528	PINK	200	
HSC1095-28-108-243	HSC109528	PINK	208	
HSC1095-28-108-244	HSC109528	PINK	222	
HSC1095-28-108-245	HSC109528	PINK	193	
HSC1095-28-108-246	HSC109528	PINK	219	
HSC1095-28-108-247	HSC109528	PINK	207	
HSC1095-28-108-248	HSC109528	PINK	205	
HSC1095-28-108-249	HSC109528	PINK	208	
HSC1095-28-108-250	HSC109528	PINK	217	
HSC1095-28-108-251	HSC109528	PINK	185	
HSC1095-28-108-252	HSC109528	PINK	227	
HSC1095-28-108-253	HSC109528	PINK	206	
HSC1095-28-108-254	HSC109528	PINK	197	
HSC1095-28-108-255	HSC109528	PINK	197	
HSC1095-28-108-256	HSC109528	PINK	190	
HSC1095-28-108-257	HSC109528	PINK	207	
HSC1095-28-108-258	HSC109528	PINK	212	
HSC1095-28-108-259	HSC109528	PINK	205	
HSC1095-28-108-260	HSC109528	PINK	190	
HSC1095-28-108-261	HSC109528	PINK	220	
HSC1095-28-108-262	HSC109528	PINK	185	
HSC1095-28-108-263	HSC109528	PINK	195	
HSC1095-28-108-264	HSC109528	PINK	210	
HSC1095-28-108-265	HSC109528	PINK	190	
HSC1095-28-108-266	HSC109528	PINK	222	
HSC1095-28-108-267	HSC109528	PINK	192	
HSC1095-28-108-268	HSC109528	PINK	218	
HSC1095-28-108-269	HSC109528	PINK	195	
HSC1095-28-108-270	HSC109528	PINK	232	
HSC1095-28-108-271	HSC109528	PINK	224	
HSC1095-28-108-272	HSC109528	PINK	204	
HSC1095-28-108-273	HSC109528	PINK	208	
HSC1095-28-108-274	HSC109528	PINK	217	
HSC1095-28-108-275	HSC109528	PINK	203	
HSC1095-28-108-276	HSC109528	PINK	212	
HSC1095-28-108-277	HSC109528	PINK	215	
HSC1095-28-108-278	HSC109528	PINK	210	
HSC1095-28-108-279	HSC109528	PINK	206	
HSC1095-28-108-280	HSC109528	PINK	188	
HSC1095-28-108-281	HSC109528	PINK	192	
HSC1095-28-108-282	HSC109528	PINK	205	
HSC1095-28-108-283	HSC109528	PINK	190	
HSC1095-28-108-284	HSC109528	PINK	220	
HSC1095-28-108-285	HSC109528	PINK	197	
HSC1095-28-108-286	HSC109528	PINK	199	
HSC1095-28-108-287	HSC109528	PINK	200	
HSC1095-28-108-288	HSC109528	PINK	222	
HSC1095-28-108-289	HSC109528	PINK	178	
HSC1095-28-108-290	HSC109528	PINK	223	
HSC1095-28-108-291	HSC109528	PINK	210	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork Length (mm)	Sex
HSC1095-28-108-292	HSC109528	PINK	227	
HSC1095-28-108-293	HSC109528	PINK	215	
HSC1095-28-108-294	HSC109528	PINK	205	
HSC1095-28-108-295	HSC109528	PINK	205	
HSC1095-28-108-296	HSC109528	PINK	183	
HSC1095-28-108-297	HSC109528	PINK	177	
HSC1095-28-108-298	HSC109528	PINK	180	
HSC1095-28-108-299	HSC109528	PINK	204	
HSC1095-28-108-300	HSC109528	PINK	208	
HSC1095-28-108-301	HSC109528	PINK	215	
HSC1095-28-108-302	HSC109528	PINK	213	
HSC1095-28-108-303	HSC109528	PINK	211	
HSC1095-28-108-304	HSC109528	PINK	198	
HSC1095-28-108-305	HSC109528	PINK	202	
HSC1095-28-108-306	HSC109528	PINK	207	
HSC1095-28-108-307	HSC109528	PINK	187	
HSC1095-28-108-308	HSC109528	PINK	196	
HSC1095-28-108-309	HSC109528	PINK	182	
HSC1095-28-108-310	HSC109528	PINK	199	
HSC1095-28-108-311	HSC109528	PINK	191	
HSC1095-28-108-312	HSC109528	PINK	203	
HSC1095-28-108-313	HSC109528	PINK	213	
HSC1095-28-108-314	HSC109528	PINK	213	
HSC1095-28-108-315	HSC109528	PINK	186	
HSC1095-28-108-316	HSC109528	PINK	208	
HSC1095-28-108-317	HSC109528	PINK	205	
HSC1095-28-108-318	HSC109528	PINK	207	
HSC1095-28-108-319	HSC109528	PINK	208	
HSC1095-28-108-320	HSC109528	PINK	197	
HSC1095-28-108-321	HSC109528	PINK	201	
HSC1095-28-108-322	HSC109528	PINK	220	
HSC1095-28-108-323	HSC109528	PINK	203	
HSC1095-28-108-324	HSC109528	PINK	197	
HSC1095-28-108-325	HSC109528	PINK	212	
HSC1095-28-108-1016	HSC109528	PINK	230	
HSC1095-28-108-1017	HSC109528	PINK	218	
HSC1095-28-108-1018	HSC109528	PINK	210	
HSC1095-28-108-1019	HSC109528	PINK	225	
HSC1095-28-108-1020	HSC109528	PINK	175	
HSC1095-28-108-1021	HSC109528	PINK	197	
HSC1095-28-108-1022	HSC109528	PINK	195	
HSC1095-28-108-1023	HSC109528	PINK	203	
HSC1095-28-108-1024	HSC109528	PINK	221	
HSC1095-28-108-1025	HSC109528	PINK	215	
HSC1095-28-108-1026	HSC109528	PINK	207	
HSC1095-28-108-1027	HSC109528	PINK	230	
HSC1095-28-108-1028	HSC109528	PINK	206	
HSC1095-28-108-1029	HSC109528	PINK	196	
HSC1095-28-108-1030	HSC109528	PINK	212	
HSC1095-28-108-1031	HSC109528	PINK	215	
HSC1095-28-108-1032	HSC109528	PINK	210	
HSC1095-28-108-1033	HSC109528	PINK	206	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork Length (mm)	Sex
HSC1095-28-108-1034	HSC109528	PINK	202	
HSC1095-28-108-1035	HSC109528	PINK	206	
HSC1095-28-108-1036	HSC109528	PINK	211	
HSC1095-28-108-1037	HSC109528	PINK	200	
HSC1095-28-108-1038	HSC109528	PINK	195	
HSC1095-28-108-1039	HSC109528	PINK	200	
HSC1095-28-108-1040	HSC109528	PINK	223	
HSC1095-28-108-1041	HSC109528	PINK	209	
HSC1095-28-108-1042	HSC109528	PINK	202	
HSC1095-28-108-1043	HSC109528	PINK	219	
HSC1095-28-108-1044	HSC109528	PINK	215	
HSC1095-28-108-1045	HSC109528	PINK	229	
HSC1095-29-108-1076	HSC109529	PINK	249	
HSC1095-29-108-1077	HSC109529	PINK	240	
HSC1095-29-108-1078	HSC109529	PINK	257	
HSC1095-29-108-1079	HSC109529	PINK	196	
HSC1095-29-108-1080	HSC109529	PINK	251	
HSC1095-29-108-1081	HSC109529	PINK	195	
HSC1095-29-108-1082	HSC109529	PINK	202	
HSC1095-29-108-1083	HSC109529	PINK	184	
HSC1095-29-108-1084	HSC109529	PINK	208	
HSC1095-29-108-1085	HSC109529	PINK	200	
HSC1095-29-108-1086	HSC109529	PINK	190	
HSC1095-29-108-1087	HSC109529	PINK	195	
HSC1095-29-108-1088	HSC109529	PINK	206	
HSC1095-30-108-1104	HSC109530	PINK	211	
HSC1095-32-108-1108	HSC109532	PINK	242	
HSC1095-65-108-1	HSC109565	PINK	240	
HSC1095-65-108-2	HSC109565	PINK	238	
HSC1095-65-108-3	HSC109565	PINK	243	
HSC1095-65-108-4	HSC109565	PINK	243	
HSC1095-65-108-5	HSC109565	PINK	229	
HSC1095-65-108-6	HSC109565	PINK	242	
HSC1095-65-108-7	HSC109565	PINK	250	
HSC1095-65-108-8	HSC109565	PINK	234	
HSC1095-65-108-9	HSC109565	PINK	230	
HSC1095-65-108-10	HSC109565	PINK	225	
HSC1095-65-108-11	HSC109565	PINK	243	
HSC1095-65-108-12	HSC109565	PINK	225	
HSC1095-65-108-13	HSC109565	PINK	246	
HSC1095-65-108-14	HSC109565	PINK	226	
HSC1095-65-108-15	HSC109565	PINK	232	
HSC1095-65-108-16	HSC109565	PINK	240	
HSC1095-65-108-17	HSC109565	PINK	245	
HSC1095-65-108-18	HSC109565	PINK	235	
HSC1095-65-108-19	HSC109565	PINK	239	
HSC1095-65-108-20	HSC109565	PINK	243	
HSC1095-65-108-21	HSC109565	PINK	240	
HSC1095-65-108-22	HSC109565	PINK	228	
HSC1095-65-108-23	HSC109565	PINK	222	
HSC1095-65-108-24	HSC109565	PINK	225	
HSC1095-65-108-25	HSC109565	PINK	230	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork Length (mm)	Sex
HSC1095-65-108-26	HSC109565	PINK	272	
HSC1095-65-108-27	HSC109565	PINK	218	
HSC1095-65-108-28	HSC109565	PINK	257	
HSC1095-65-108-29	HSC109565	PINK	256	
HSC1095-65-108-30	HSC109565	PINK	219	
HSC1095-65-108-31	HSC109565	PINK	228	
HSC1095-65-108-32	HSC109565	PINK	220	
HSC1095-65-108-33	HSC109565	PINK	226	
HSC1095-65-108-34	HSC109565	PINK	251	
HSC1095-65-108-35	HSC109565	PINK	225	
HSC1095-65-108-36	HSC109565	PINK	237	
HSC1095-65-108-37	HSC109565	PINK	233	
HSC1095-65-108-38	HSC109565	PINK	233	
HSC1095-65-108-39	HSC109565	PINK	227	
HSC1095-65-108-40	HSC109565	PINK	235	
HSC1095-65-108-41	HSC109565	PINK	219	
HSC1095-65-108-42	HSC109565	PINK	240	
HSC1095-65-108-43	HSC109565	PINK	235	
HSC1095-65-108-44	HSC109565	PINK	194	
HSC1095-65-108-45	HSC109565	PINK	245	
HSC1095-65-108-46	HSC109565	PINK	220	
HSC1095-65-108-47	HSC109565	PINK	233	
HSC1095-65-108-48	HSC109565	PINK	238	
HSC1095-65-108-49	HSC109565	PINK	220	
HSC1095-65-108-50	HSC109565	PINK	235	
HSC1095-65-108-51	HSC109565	PINK	227	
HSC1095-65-108-52	HSC109565	PINK	250	
HSC1095-65-108-53	HSC109565	PINK	266	
HSC1095-65-108-54	HSC109565	PINK	259	
HSC1095-65-108-55	HSC109565	PINK	224	
HSC1095-65-108-56	HSC109565	PINK	223	
HSC1095-65-108-57	HSC109565	PINK	222	
HSC1095-65-108-58	HSC109565	PINK	219	
HSC1095-65-108-59	HSC109565	PINK	240	
HSC1095-65-108-60	HSC109565	PINK	225	
HSC1095-65-108-61	HSC109565	PINK	222	
HSC1095-65-108-62	HSC109565	PINK	232	
HSC1095-65-108-63	HSC109565	PINK	234	
HSC1095-65-108-64	HSC109565	PINK	225	
HSC1095-65-108-65	HSC109565	PINK	245	
HSC1095-65-108-66	HSC109565	PINK	226	
HSC1095-65-108-67	HSC109565	PINK	224	
HSC1095-65-108-68	HSC109565	PINK	210	
HSC1095-65-108-69	HSC109565	PINK	248	
HSC1095-65-108-70	HSC109565	PINK	228	
HSC1095-65-108-71	HSC109565	PINK	211	
HSC1095-65-108-72	HSC109565	PINK	250	
HSC1095-65-108-73	HSC109565	PINK	235	
HSC1095-65-108-74	HSC109565	PINK	238	
HSC1095-65-108-75	HSC109565	PINK	225	
HSC1095-65-108-76	HSC109565	PINK	210	
HSC1095-65-108-77	HSC109565	PINK	231	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork Length (mm)	Sex
HSC1095-65-108-78	HSC109565	PINK	220	
HSC1095-65-108-79	HSC109565	PINK	269	
HSC1095-65-108-80	HSC109565	PINK	240	
HSC1095-65-108-81	HSC109565	PINK	225	
HSC1095-65-108-82	HSC109565	PINK	224	
HSC1095-65-108-83	HSC109565	PINK	240	
HSC1095-65-108-84	HSC109565	PINK	242	
HSC1095-65-108-85	HSC109565	PINK	245	
HSC1095-65-108-86	HSC109565	PINK	257	
HSC1095-65-108-87	HSC109565	PINK	238	
HSC1095-65-108-88	HSC109565	PINK	231	
HSC1095-65-108-89	HSC109565	PINK	220	
HSC1095-65-108-90	HSC109565	PINK	237	
HSC1095-65-108-91	HSC109565	PINK	231	
HSC1095-65-108-92	HSC109565	PINK	245	
HSC1095-65-108-93	HSC109565	PINK	219	
HSC1095-65-108-94	HSC109565	PINK	207	
HSC1095-65-108-95	HSC109565	PINK	217	
HSC1095-65-108-96	HSC109565	PINK	224	
HSC1095-65-108-97	HSC109565	PINK	252	
HSC1095-65-108-98	HSC109565	PINK	230	
HSC1095-65-108-99	HSC109565	PINK	237	
HSC1095-65-108-100	HSC109565	PINK	230	
HSC1095-65-108-101	HSC109565	PINK	254	
HSC1095-65-108-102	HSC109565	PINK	219	
HSC1095-65-108-103	HSC109565	PINK	235	
HSC1095-65-108-104	HSC109565	PINK	264	
HSC1095-65-108-105	HSC109565	PINK	224	
HSC1095-65-108-106	HSC109565	PINK	230	
HSC1095-65-108-107	HSC109565	PINK	219	
HSC1095-65-108-108	HSC109565	PINK	247	
HSC1095-65-108-109	HSC109565	PINK	232	
HSC1095-65-108-110	HSC109565	PINK	213	
HSC1095-65-108-111	HSC109565	PINK	240	
HSC1095-65-108-112	HSC109565	PINK	240	
HSC1095-65-108-113	HSC109565	PINK	243	
HSC1095-65-108-114	HSC109565	PINK	235	
HSC1095-65-108-115	HSC109565	PINK	242	
HSC1095-65-108-116	HSC109565	PINK	222	
HSC1095-65-108-117	HSC109565	PINK	233	
HSC1095-65-108-118	HSC109565	PINK	248	
HSC1095-65-108-119	HSC109565	PINK	242	
HSC1095-65-108-120	HSC109565	PINK	235	
HSC1095-65-108-121	HSC109565	PINK	247	
HSC1095-65-108-122	HSC109565	PINK	220	
HSC1095-65-108-123	HSC109565	PINK	235	
HSC1095-65-108-124	HSC109565	PINK	232	
HSC1095-65-108-125	HSC109565	PINK	250	
HSC1095-65-108-126	HSC109565	PINK	225	
HSC1095-65-108-127	HSC109565	PINK	234	
HSC1095-65-108-128	HSC109565	PINK	235	
HSC1095-65-108-129	HSC109565	PINK	227	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork	Sex
			Length (mm)	
HSC1095-65-108-130	HSC109565	PINK	220	
HSC1095-65-108-131	HSC109565	PINK	230	
HSC1095-65-108-132	HSC109565	PINK	247	
HSC1095-65-108-133	HSC109565	PINK	218	
HSC1095-65-108-134	HSC109565	PINK	235	
HSC1095-65-108-135	HSC109565	PINK	232	
HSC1095-65-108-136	HSC109565	PINK	233	
HSC1095-65-108-137	HSC109565	PINK	236	
HSC1095-65-108-138	HSC109565	PINK	232	
HSC1095-65-108-139	HSC109565	PINK	231	
HSC1095-65-108-140	HSC109565	PINK	233	
HSC1095-65-108-141	HSC109565	PINK	225	
HSC1095-65-108-142	HSC109565	PINK	190	
HSC1095-65-108-143	HSC109565	PINK	215	
HSC1095-65-108-144	HSC109565	PINK	234	
HSC1095-65-108-145	HSC109565	PINK	237	
HSC1095-65-108-146	HSC109565	PINK	277	
HSC1095-65-108-147	HSC109565	PINK	237	
HSC1095-65-108-148	HSC109565	PINK	235	
HSC1095-65-108-149	HSC109565	PINK	228	
HSC1095-65-108-150	HSC109565	PINK	238	
HSC1095-65-108-151	HSC109565	PINK	240	
HSC1095-65-108-152	HSC109565	PINK	224	
HSC1095-65-108-153	HSC109565	PINK	244	
HSC1095-65-108-154	HSC109565	PINK	224	
HSC1095-65-108-155	HSC109565	PINK	224	
HSC1095-65-108-156	HSC109565	PINK	220	
HSC1095-65-108-157	HSC109565	PINK	237	
HSC1095-65-108-158	HSC109565	PINK	248	
HSC1095-65-108-159	HSC109565	PINK	228	
HSC1095-65-108-160	HSC109565	PINK	240	
HSC1095-65-108-161	HSC109565	PINK	230	
HSC1095-65-108-162	HSC109565	PINK	240	
HSC1095-65-108-163	HSC109565	PINK	263	
HSC1095-65-108-164	HSC109565	PINK	211	
HSC1095-65-108-165	HSC109565	PINK	235	
HSC1095-65-108-166	HSC109565	PINK	235	
HSC1095-65-108-167	HSC109565	PINK	235	
HSC1095-65-108-168	HSC109565	PINK	235	
HSC1095-65-108-169	HSC109565	PINK	234	
HSC1095-65-108-170	HSC109565	PINK	238	
HSC1095-65-108-171	HSC109565	PINK	230	
HSC1095-65-108-172	HSC109565	PINK	246	
HSC1095-65-108-173	HSC109565	PINK	245	
HSC1095-65-108-174	HSC109565	PINK	237	
HSC1095-65-108-175	HSC109565	PINK	242	
HSC1095-65-108-176	HSC109565	PINK	224	
HSC1095-65-108-177	HSC109565	PINK	225	
HSC1095-65-108-178	HSC109565	PINK	222	
HSC1095-65-108-179	HSC109565	PINK	226	
HSC1095-65-108-180	HSC109565	PINK	238	
HSC1095-65-108-181	HSC109565	PINK	247	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork	Sex
			Length (mm)	
HSC1095-65-108-182	HSC109565	PINK	227	
HSC1095-65-108-183	HSC109565	PINK	237	
HSC1095-65-108-184	HSC109565	PINK	236	
HSC1095-65-108-185	HSC109565	PINK	238	
HSC1095-65-108-186	HSC109565	PINK	236	
HSC1095-65-108-187	HSC109565	PINK	225	
HSC1095-65-108-188	HSC109565	PINK	229	
HSC1095-65-108-189	HSC109565	PINK	235	
HSC1095-65-108-190	HSC109565	PINK	247	
HSC1095-65-108-191	HSC109565	PINK	238	
HSC1095-65-108-192	HSC109565	PINK	240	
HSC1095-65-108-193	HSC109565	PINK	239	
HSC1095-65-108-194	HSC109565	PINK	220	
HSC1095-65-108-195	HSC109565	PINK	233	
HSC1095-65-108-196	HSC109565	PINK	245	
HSC1095-65-108-197	HSC109565	PINK	224	
HSC1095-65-108-198	HSC109565	PINK	234	
HSC1095-65-108-199	HSC109565	PINK	245	
HSC1095-65-108-200	HSC109565	PINK	214	
HSC1095-65-108-201	HSC109565	PINK	231	
HSC1095-65-108-202	HSC109565	PINK	208	
HSC1095-65-108-203	HSC109565	PINK	223	
HSC1095-65-108-204	HSC109565	PINK	205	
HSC1095-65-108-205	HSC109565	PINK	242	
HSC1095-65-108-206	HSC109565	PINK	243	
HSC1095-65-108-207	HSC109565	PINK	239	
HSC1095-65-108-208	HSC109565	PINK	249	
HSC1095-65-108-209	HSC109565	PINK	244	
HSC1095-65-108-210	HSC109565	PINK	260	
HSC1095-65-108-211	HSC109565	PINK	238	
HSC1095-65-108-212	HSC109565	PINK	221	
HSC1095-65-108-213	HSC109565	PINK	218	
HSC1095-65-108-214	HSC109565	PINK	222	
HSC1095-65-108-215	HSC109565	PINK	235	
HSC1095-65-108-216	HSC109565	PINK	224	
HSC1095-65-108-217	HSC109565	PINK	237	
HSC1095-65-108-218	HSC109565	PINK	220	
HSC1095-65-108-219	HSC109565	PINK	205	
HSC1095-65-108-220	HSC109565	PINK	215	
HSC1095-65-108-221	HSC109565	PINK	230	
HSC1095-65-108-222	HSC109565	PINK	240	
HSC1095-65-108-223	HSC109565	PINK	233	
HSC1095-65-108-224	HSC109565	PINK	225	
HSC1095-65-108-225	HSC109565	PINK	211	
HSC1095-65-108-226	HSC109565	PINK	240	
HSC1095-65-108-227	HSC109565	PINK	233	
HSC1095-65-108-228	HSC109565	PINK	233	
HSC1095-65-108-229	HSC109565	PINK	217	
HSC1095-65-108-230	HSC109565	PINK	215	
HSC1095-65-108-231	HSC109565	PINK	250	
HSC1095-65-108-232	HSC109565	PINK	236	
HSC1095-65-108-233	HSC109565	PINK	213	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork Length (mm)	Sex
HSC1095-65-108-1111	HSC109565	PINK	270	
HSC1095-65-108-1112	HSC109565	PINK	245	
HSC1095-65-108-1113	HSC109565	PINK	240	
HSC1095-65-108-1114	HSC109565	PINK	220	
HSC1095-65-108-1115	HSC109565	PINK	214	
HSC1095-65-108-1116	HSC109565	PINK	258	
HSC1095-65-108-1117	HSC109565	PINK	245	
HSC1095-65-108-1118	HSC109565	PINK	230	
HSC1095-65-108-1119	HSC109565	PINK	223	
HSC1095-65-108-1120	HSC109565	PINK	215	
HSC1095-65-108-1121	HSC109565	PINK	235	
HSC1095-65-108-1122	HSC109565	PINK	230	
HSC1095-65-108-1123	HSC109565	PINK	256	
HSC1095-65-108-1124	HSC109565	PINK	238	
HSC1095-65-108-1125	HSC109565	PINK	228	
HSC1095-65-108-1126	HSC109565	PINK	255	
HSC1095-65-108-1127	HSC109565	PINK	254	
HSC1095-65-108-1128	HSC109565	PINK	250	
HSC1095-65-108-1129	HSC109565	PINK	230	
HSC1095-65-108-1130	HSC109565	PINK	230	
HSC1095-65-108-1131	HSC109565	PINK	233	
HSC1095-65-108-1132	HSC109565	PINK	240	
HSC1095-65-108-1133	HSC109565	PINK	232	
HSC1095-65-108-1134	HSC109565	PINK	242	
HSC1095-65-108-1135	HSC109565	PINK	234	
HSC1095-65-108-1136	HSC109565	PINK	236	
HSC1095-65-108-1137	HSC109565	PINK	235	
HSC1095-65-108-1138	HSC109565	PINK	247	
HSC1095-65-108-1139	HSC109565	PINK	233	
HSC1095-65-108-1140	HSC109565	PINK	243	
HSC1095-66-108-1	HSC109566	PINK	214	
HSC1095-66-108-2	HSC109566	PINK	228	
HSC1095-66-108-3	HSC109566	PINK	233	
HSC1095-66-108-4	HSC109566	PINK	217	
HSC1095-66-108-5	HSC109566	PINK	228	
HSC1095-66-108-6	HSC109566	PINK	213	
HSC1095-66-108-7	HSC109566	PINK	225	
HSC1095-66-108-8	HSC109566	PINK	220	
HSC1095-66-108-9	HSC109566	PINK	211	
HSC1095-66-108-10	HSC109566	PINK	227	
HSC1095-66-108-11	HSC109566	PINK	212	
HSC1095-66-108-12	HSC109566	PINK	229	
HSC1095-66-108-13	HSC109566	PINK	221	
HSC1095-66-108-14	HSC109566	PINK	232	
HSC1095-66-108-15	HSC109566	PINK	212	
HSC1095-66-108-16	HSC109566	PINK	225	
HSC1095-66-108-17	HSC109566	PINK	222	
HSC1095-66-108-18	HSC109566	PINK	226	
HSC1095-66-108-19	HSC109566	PINK	240	
HSC1095-66-108-20	HSC109566	PINK	223	
HSC1095-66-108-21	HSC109566	PINK	216	
HSC1095-66-108-22	HSC109566	PINK	217	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork	Sex
			Length (mm)	
HSC1095-66-108-23	HSC109566	PINK	216	
HSC1095-66-108-24	HSC109566	PINK	240	
HSC1095-66-108-25	HSC109566	PINK	232	
HSC1095-66-108-26	HSC109566	PINK	215	
HSC1095-66-108-27	HSC109566	PINK	220	
HSC1095-66-108-28	HSC109566	PINK	246	
HSC1095-66-108-29	HSC109566	PINK	233	
HSC1095-66-108-30	HSC109566	PINK	208	
HSC1095-66-108-31	HSC109566	PINK	210	
HSC1095-66-108-32	HSC109566	PINK	236	
HSC1095-66-108-33	HSC109566	PINK	247	
HSC1095-66-108-34	HSC109566	PINK	230	
HSC1095-66-108-35	HSC109566	PINK	220	
HSC1095-66-108-36	HSC109566	PINK	224	
HSC1095-66-108-37	HSC109566	PINK	243	
HSC1095-66-108-38	HSC109566	PINK	223	
HSC1095-66-108-39	HSC109566	PINK	209	
HSC1095-66-108-40	HSC109566	PINK	224	
HSC1095-66-108-41	HSC109566	PINK	250	
HSC1095-66-108-42	HSC109566	PINK	253	
HSC1095-66-108-43	HSC109566	PINK	231	
HSC1095-66-108-44	HSC109566	PINK	236	
HSC1095-66-108-45	HSC109566	PINK	236	
HSC1095-66-108-46	HSC109566	PINK	232	
HSC1095-66-108-47	HSC109566	PINK	229	
HSC1095-66-108-48	HSC109566	PINK	222	
HSC1095-66-108-49	HSC109566	PINK	210	
HSC1095-66-108-50	HSC109566	PINK	203	
HSC1095-66-108-51	HSC109566	PINK	228	
HSC1095-66-108-52	HSC109566	PINK	233	
HSC1095-66-108-53	HSC109566	PINK	211	
HSC1095-66-108-54	HSC109566	PINK	233	
HSC1095-66-108-55	HSC109566	PINK	224	
HSC1095-66-108-56	HSC109566	PINK	257	
HSC1095-66-108-57	HSC109566	PINK	203	
HSC1095-66-108-58	HSC109566	PINK	228	
HSC1095-66-108-59	HSC109566	PINK	212	
HSC1095-66-108-60	HSC109566	PINK	216	
HSC1095-66-108-61	HSC109566	PINK	246	
HSC1095-66-108-62	HSC109566	PINK	243	
HSC1095-66-108-63	HSC109566	PINK	214	
HSC1095-66-108-64	HSC109566	PINK	231	
HSC1095-66-108-65	HSC109566	PINK	218	
HSC1095-66-108-66	HSC109566	PINK	202	
HSC1095-66-108-67	HSC109566	PINK	210	
HSC1095-66-108-68	HSC109566	PINK	223	
HSC1095-66-108-69	HSC109566	PINK	202	
HSC1095-66-108-70	HSC109566	PINK	200	
HSC1095-66-108-71	HSC109566	PINK	237	
HSC1095-66-108-72	HSC109566	PINK	218	
HSC1095-66-108-73	HSC109566	PINK	232	
HSC1095-66-108-74	HSC109566	PINK	227	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork Length (mm)	Sex
HSC1095-66-108-75	HSC109566	PINK	215	
HSC1095-66-108-76	HSC109566	PINK	196	
HSC1095-66-108-77	HSC109566	PINK	217	
HSC1095-66-108-78	HSC109566	PINK	212	
HSC1095-66-108-79	HSC109566	PINK	229	
HSC1095-66-108-80	HSC109566	PINK	224	
HSC1095-66-108-81	HSC109566	PINK	225	
HSC1095-66-108-82	HSC109566	PINK	219	
HSC1095-66-108-83	HSC109566	PINK	235	
HSC1095-66-108-84	HSC109566	PINK	229	
HSC1095-66-108-85	HSC109566	PINK	220	
HSC1095-66-108-86	HSC109566	PINK	238	
HSC1095-66-108-87	HSC109566	PINK	246	
HSC1095-66-108-88	HSC109566	PINK	225	
HSC1095-66-108-89	HSC109566	PINK	230	
HSC1095-66-108-90	HSC109566	PINK	222	
HSC1095-66-108-91	HSC109566	PINK	236	
HSC1095-66-108-92	HSC109566	PINK	238	
HSC1095-66-108-93	HSC109566	PINK	237	
HSC1095-66-108-94	HSC109566	PINK	209	
HSC1095-66-108-95	HSC109566	PINK	239	
HSC1095-66-108-96	HSC109566	PINK	218	
HSC1095-66-108-97	HSC109566	PINK	195	
HSC1095-66-108-98	HSC109566	PINK	206	
HSC1095-66-108-99	HSC109566	PINK	220	
HSC1095-66-108-100	HSC109566	PINK	217	
HSC1095-66-108-101	HSC109566	PINK	245	
HSC1095-66-108-102	HSC109566	PINK	218	
HSC1095-66-108-103	HSC109566	PINK	222	
HSC1095-66-108-104	HSC109566	PINK	219	
HSC1095-66-108-105	HSC109566	PINK	221	
HSC1095-66-108-106	HSC109566	PINK	210	
HSC1095-66-108-107	HSC109566	PINK	220	
HSC1095-66-108-108	HSC109566	PINK	236	
HSC1095-66-108-109	HSC109566	PINK	210	
HSC1095-66-108-110	HSC109566	PINK	221	
HSC1095-66-108-111	HSC109566	PINK	222	
HSC1095-66-108-112	HSC109566	PINK	246	
HSC1095-66-108-113	HSC109566	PINK	205	
HSC1095-66-108-114	HSC109566	PINK	240	
HSC1095-66-108-115	HSC109566	PINK	209	
HSC1095-66-108-116	HSC109566	PINK	229	
HSC1095-66-108-117	HSC109566	PINK	210	
HSC1095-66-108-118	HSC109566	PINK	204	
HSC1095-66-108-119	HSC109566	PINK	220	
HSC1095-66-108-120	HSC109566	PINK	242	
HSC1095-66-108-121	HSC109566	PINK	214	
HSC1095-66-108-122	HSC109566	PINK	230	
HSC1095-66-108-123	HSC109566	PINK	195	
HSC1095-66-108-124	HSC109566	PINK	232	
HSC1095-66-108-125	HSC109566	PINK	225	
HSC1095-66-108-126	HSC109566	PINK	205	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork	Sex
			Length (mm)	
HSC1095-66-108-127	HSC109566	PINK	217	
HSC1095-66-108-128	HSC109566	PINK	205	
HSC1095-66-108-129	HSC109566	PINK	223	
HSC1095-66-108-130	HSC109566	PINK	218	
HSC1095-66-108-131	HSC109566	PINK	238	
HSC1095-66-108-132	HSC109566	PINK	230	
HSC1095-66-108-133	HSC109566	PINK	230	
HSC1095-66-108-134	HSC109566	PINK	203	
HSC1095-66-108-135	HSC109566	PINK	203	
HSC1095-66-108-136	HSC109566	PINK	214	
HSC1095-66-108-1173	HSC109566	PINK	207	
HSC1095-66-108-1174	HSC109566	PINK	258	
HSC1095-66-108-1175	HSC109566	PINK	232	
HSC1095-66-108-1176	HSC109566	PINK	210	
HSC1095-66-108-1177	HSC109566	PINK	247	
HSC1095-66-108-1178	HSC109566	PINK	217	
HSC1095-66-108-1179	HSC109566	PINK	231	
HSC1095-66-108-1180	HSC109566	PINK	241	
HSC1095-66-108-1181	HSC109566	PINK	232	
HSC1095-66-108-1182	HSC109566	PINK	237	
HSC1095-66-108-1183	HSC109566	PINK	233	
HSC1095-66-108-1184	HSC109566	PINK	241	
HSC1095-66-108-1185	HSC109566	PINK	220	
HSC1095-66-108-1186	HSC109566	PINK	227	
HSC1095-66-108-1187	HSC109566	PINK	224	
HSC1095-66-108-1188	HSC109566	PINK	259	
HSC1095-66-108-1189	HSC109566	PINK	235	
HSC1095-66-108-1190	HSC109566	PINK	225	
HSC1095-66-108-1191	HSC109566	PINK	222	
HSC1095-66-108-1192	HSC109566	PINK	220	
HSC1095-66-108-1193	HSC109566	PINK	212	
HSC1095-66-108-1194	HSC109566	PINK	230	
HSC1095-66-108-1195	HSC109566	PINK	255	
HSC1095-66-108-1196	HSC109566	PINK	210	
HSC1095-66-108-1197	HSC109566	PINK	238	
HSC1095-66-108-1198	HSC109566	PINK	220	
HSC1095-66-108-1199	HSC109566	PINK	207	
HSC1095-66-108-1200	HSC109566	PINK	207	
HSC1095-66-108-1201	HSC109566	PINK	239	
HSC1095-66-108-1202	HSC109566	PINK	230	
HSC1095-67-108-1242	HSC109567	PINK	218	
HSC1095-67-108-1243	HSC109567	PINK	242	
HSC1095-67-108-1244	HSC109567	PINK	255	
HSC1095-67-108-1245	HSC109567	PINK	275	
HSC1095-67-108-1246	HSC109567	PINK	239	
HSC1095-67-108-1247	HSC109567	PINK	227	
HSC1095-67-108-1248	HSC109567	PINK	246	
HSC1095-67-108-1249	HSC109567	PINK	220	
HSC1095-67-108-1250	HSC109567	PINK	222	
HSC1095-67-108-1251	HSC109567	PINK	230	
HSC1095-67-108-1252	HSC109567	PINK	250	
HSC1095-67-108-1253	HSC109567	PINK	251	

Table 2. Biological data collected for each Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995

Fish Number	Station ID	Species	Fork Length (mm)	Sex
HSC1095-67-108-1254	HSC109567	PINK	252	
HSC1095-67-108-1255	HSC109567	PINK	256	
HSC1095-67-108-1256	HSC109567	PINK	245	
HSC1095-67-108-1257	HSC109567	PINK	258	
HSC1095-67-108-1258	HSC109567	PINK	224	
HSC1095-67-108-1259	HSC109567	PINK	263	
HSC1095-67-108-1260	HSC109567	PINK	265	
HSC1095-67-108-1261	HSC109567	PINK	275	
HSC1095-67-108-1262	HSC109567	PINK	216	
HSC1095-67-108-1263	HSC109567	PINK	241	
HSC1095-67-108-1264	HSC109567	PINK	260	
HSC1095-67-108-1265	HSC109567	PINK	224	
HSC1095-67-108-1266	HSC109567	PINK	231	
HSC1095-67-108-1267	HSC109567	PINK	221	
HSC1095-3-118-22	HSC109503	SOCKEYE	168	
HSC1095-3-118-24	HSC109503	SOCKEYE	197	
HSC1095-3-118-25	HSC109503	SOCKEYE	196	
HSC1095-3-118-26	HSC109503	SOCKEYE	208	
HSC1095-4-118-46	HSC109504	SOCKEYE	197	
HSC1095-4-118-47	HSC109504	SOCKEYE	209	
HSC1095-15-118-678	HSC109515	SOCKEYE	221	
HSC1095-15-118-679	HSC109515	SOCKEYE	181	
HSC1095-15-118-680	HSC109515	SOCKEYE	198	
HSC1095-17-118-774	HSC109517	SOCKEYE	205	
HSC1095-21-118-854	HSC109521	SOCKEYE	193	
HSC1095-22-118-900	HSC109522	SOCKEYE	204	
HSC1095-22-118-901	HSC109522	SOCKEYE	179	
HSC1095-22-118-902	HSC109522	SOCKEYE	188	
HSC1095-22-118-903	HSC109522	SOCKEYE	202	
HSC1095-22-118-904	HSC109522	SOCKEYE	201	
HSC1095-22-118-905	HSC109522	SOCKEYE	179	
HSC1095-22-118-906	HSC109522	SOCKEYE	197	
HSC1095-22-118-932	HSC109522	SOCKEYE	170	
HSC1095-23-118-943	HSC109523	SOCKEYE	237	
HSC1095-23-118-944	HSC109523	SOCKEYE	232	
HSC1095-23-118-945	HSC109523	SOCKEYE	205	
HSC1095-28-118-1046	HSC109528	SOCKEYE	202	
HSC1095-28-118-1047	HSC109528	SOCKEYE	177	
HSC1095-65-118-1171	HSC109565	SOCKEYE	210	
HSC1095-65-118-1172	HSC109565	SOCKEYE	216	
HSC1095-66-118-1203	HSC109566	SOCKEYE	212	
HSC1095-66-118-1204	HSC109566	SOCKEYE	223	
HSC1095-66-118-1205	HSC109566	SOCKEYE	222	
HSC1095-66-118-1206	HSC109566	SOCKEYE	231	
HSC1095-66-118-1207	HSC109566	SOCKEYE	221	
HSC1095-66-118-1208	HSC109566	SOCKEYE	203	
HSC1095-66-118-1209	HSC109566	SOCKEYE	206	
HSC1095-66-118-1210	HSC109566	SOCKEYE	198	
HSC1095-66-118-1211	HSC109566	SOCKEYE	206	

Table 3. Physical oceanographic data collected on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995.

Station ID	CTD Filename	Transect	Region	Date	Time UTC	Latitude (°N)	Longitude (°W)	Bottom Depth (m)	SST (°C)	SSS (ppt)
HSC109503	C953601	CAPE FAIRWEATHER	S.E. ALASKA	08-Oct-95	19:53	58.700	138.383	134	12.31	31.68
HSC109506	C953602	CAPE FAIRWEATHER	S.E. ALASKA	09-Oct-95	08:08	58.400	139.800	1,633	12.12	32.20
HSC109507	C953603	CAPE FAIRWEATHER	S.E. ALASKA	09-Oct-95	19:05	58.117	140.300	3,582	11.67	32.11
HSC109508	C953604	CAPE FAIRWEATHER	S.E. ALASKA	09-Oct-95	23:49	57.817	140.883	3,426	11.51	32.21
HSC109509	C953605	CAPE FAIRWEATHER	S.E. ALASKA	10-Oct-95	04:42	57.550	141.550	3,608	11.36	32.19
HSC109510	C953606	ICY POINT	S.E. ALASKA	10-Oct-95	20:14	57.667	138.233	2,943	12.36	32.07
HSC109512	C953607	ICY POINT	S.E. ALASKA	11-Oct-95	07:12	58.000	137.633	218	12.27	31.77
HSC109514	C953608	ICY POINT	S.E. ALASKA	11-Oct-95	14:16	58.150	137.183	152	12.17	31.80
HSC109515	C953609	CAPE EDGE CUMBE	S.E. ALASKA	14-Oct-95	04:11	57.133	135.933	133	10.92	31.16
HSC109519	C953610	CAPE EDGE CUMBE	S.E. ALASKA	14-Oct-95	15:29	57.017	136.517	1,990	12.25	32.18
HSC109520	C953611	WHALE BAY	S.E. ALASKA	15-Oct-95	04:28	56.583	135.333	51	10.97	30.92
HSC109524	C953612	WHALE BAY	S.E. ALASKA	15-Oct-95	15:46	56.267	135.683	995	11.17	31.90
HSC109525	C953613	SUMNER STRAIT	S.E. ALASKA	16-Oct-95	04:05	56.050	133.850	189	10.14	31.48
HSC109532	C953614	FREDERICK SOUND	S.E. ALASKA	17-Oct-95	03:51	56.933	134.533	189	7.62	30.40
HSC109534	C953615	OFFSHORE	OFFSHORE	21-Oct-95	04:22	56.465	138.147	3096	10.73	32.30
HSC109535	C953616	OFFSHORE	OFFSHORE	21-Oct-95	19:24	55.882	141.108	3696	10.70	32.00
HSC109536	C953617	OFFSHORE	OFFSHORE	23-Oct-95	19:39	53.023	145.120	4081	8.90	32.37
HSC109537	C953618	OFFSHORE	OFFSHORE	24-Oct-95	04:57	52.467	144.993	3815	8.49	32.21
HSC109540	C953620	OFFSHORE	OFFSHORE	30-Oct-95	05:50	49.963	130.527	2449	11.66	32.07
HSC109544	C953622	OFFSHORE	OFFSHORE	30-Oct-95	16:19	47.935	131.440	2855	13.16	31.84
HSC109547	C953624	OFFSHORE	OFFSHORE	01-Nov-95	03:49	46.602	132.278	3328	13.86	32.48
HSC109548	C953625	OFFSHORE	OFFSHORE	01-Nov-95	18:00	46.202	135.495	4097	13.14	32.47
HSC109550	C953626	OFFSHORE	OFFSHORE	02-Nov-95	04:21	45.345	136.043	4185	13.71	32.61
HSC109551	C953627	OFFSHORE	OFFSHORE	02-Nov-95	18:07	45.035	138.862	4297	13.49	32.45
HSC109553	C953628	OFFSHORE	OFFSHORE	03-Nov-95	04:37	46.088	138.998	4303	12.88	32.51
HSC109554	C953629	OFFSHORE	OFFSHORE	03-Nov-95	17:17	47.028	140.000	4321	11.53	32.54
HSC109556	C953630	OFFSHORE	OFFSHORE	06-Nov-95	03:13	48.107	139.987	4168	10.46	32.36
HSC109557	C953631	OFFSHORE	OFFSHORE	06-Nov-95	17:15	49.527	139.982	3635	9.71	32.59
HSC109559	C953632	OFFSHORE	OFFSHORE	07-Nov-95	03:57	50.570	140.027	3878	9.41	32.06
HSC109560	C953633	OFFSHORE	OFFSHORE	07-Nov-95	17:19	52.010	140.043	3765	8.76	32.02
HSC109562	C953634	OFFSHORE	OFFSHORE	08-Nov-95	03:41	53.052	139.998	3661	8.17	32.33
HSC109563	C953635	OFFSHORE	OFFSHORE	08-Nov-95	17:30	54.495	140.002	3388	8.06	32.33
HSC109565	C953636	CAPE MUZON	S.E. ALASKA	09-Nov-95	18:30	55.077	134.385	831	8.66	30.93
HSC109566	C953637	CAPE MUZON	S.E. ALASKA	09-Nov-95	22:52	55.152	134.068	202	9.10	32.01
HSC109568	C953638	CAPE MUZON	S.E. ALASKA	10-Nov-95	05:24	54.927	135.100	2475	7.89	30.94

Table 4. Zooplankton data collected on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995.

Station ID	Transect	Region	Date	Time PST	Latitude (°N)	Longitude (°W)	Bottom Depth (m)	Target Depth (m)	Tow Duration	Volume Solved (m ³)
HSC109509	CAPE FAIRWEATHER	S.E. ALASKA	09-Oct-95	20:36	57.550	141.550	3,608	235	0:40	254.42
HSC109515	CAPE EDGECEMBE	S.E. ALASKA	13-Oct-95	17:13	57.133	135.933	133	60	0:10	95.13
HSC109519	CAPE EDGECEMBE	S.E. ALASKA	14-Oct-95	05:18	57.017	136.517	1,990	210	0:35	652.47
HSC109520	WHALE BAY	S.E. ALASKA	14-Oct-95	17:34	56.583	135.333	51	41	0:14	110.82
HSC109524	WHALE BAY	S.E. ALASKA	15-Oct-95	05:45	56.267	135.683	995	250	0:35	337.86
HSC109525	SUMNER STRAIT	S.E. ALASKA	15-Oct-95	17:20	56.050	133.850	250	210	0:31	303.12
HSC109532	FREDERICK SOUND	S.E. ALASKA	16-Oct-95	17:24	56.933	134.533	250	240	0:39	347.63
HSC109534	OFFSHORE	OFFSHORE	20-Oct-95	18:20	56.467	138.150	3,096	250	0:37	248.78
HSC109535	OFFSHORE	OFFSHORE	21-Oct-95	09:03	55.883	141.100	3,696	130	0:29	250.14
HSC109536	OFFSHORE	OFFSHORE	23-Oct-95	09:20	53.017	145.117	4,081	380	0:35	373.58
HSC109537	OFFSHORE	OFFSHORE	29-Oct-95	08:05	52.533	144.967	3,998	380	0:34	150.49
HSC109540	OFFSHORE	OFFSHORE	29-Oct-96	19:31	49.967	130.533	2,449	324	0:35	230.33
HSC109544	OFFSHORE	OFFSHORE	30-Oct-95	20:23	47.933	131.433	2,855	353	0:36	228.80
HSC109547	OFFSHORE	OFFSHORE	31-Oct-95	17:27	46.600	132.283	3,328	380	0:35	172.82
HSC109550	OFFSHORE	OFFSHORE	01-Nov-95	17:56	45.350	136.050	4,185	350	0:33	211.89
HSC109553	OFFSHORE	OFFSHORE	02-Nov-95	18:14	46.083	139.000	4,303	350	0:36	147.06
HSC109556	OFFSHORE	OFFSHORE	05-Nov-95	17:00	48.100	139.983	4,168	380	0:34	266.63
HSC109559	OFFSHORE	OFFSHORE	06-Nov-95	17:30	50.567	140.033	3,878	425	0:35	203.71
HSC109562	OFFSHORE	OFFSHORE	07-Nov-95	17:26	53.050	140.000	3,661	290	0:33	263.32
HSC109568	CAPE MUZON	S.E. ALASKA	09-Nov-95	19:02	54.933	135.100	2,475	380	0:34	215.66

Table 5. Species composition (number of animals in sample) of zooplankton in each bongo haul on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995.

Station ID ---->		HSC109509	HSC109509	HSC109515	HSC109515	HSC109519	HSC109519	HSC109520	HSC109524	HSC109524	HSC109525
Net ---->		Left Net	Right Net	Left Net	Right Net	Left Net	Right Net	Left Net	Left Net	Right Net	Left Net
Volume Sieved (m³) ---->		254	254	95	95	652	652	111	338	338	303
Displacement Volume (ml) ---->		55	50	23	29	93	100	52	100	110	140
Species	Taxon Code										
PYRROPHTA-Peridiniales											
Prorocentrum scutellum	1202010405										
Noctiluca sp.	12040501										
FORAMINIFERA											
RADIOLARIA	3465										
CNIDARIA-Hydromedusae											
Sarsia sp.	37030609										
Neoturris sp	37031203	1									
Phialidium gregarium	3704010401										2
Aequorea aequorea	3704040705										5
Mitrocoma cellularia	3704080101										
Proboscycyrtella flavicerrata	3705060204										16
Aglantha digitale	3711010201	480	546	4	20	320	344		64	256	16
Aegina citrea	371201010	80	120								
Pegantia sp.	37120201	1									
Solimissus marshallae	3712030202										
Tetraplatia volitans	3713000101										
Dimophyes arctica	3716010501										
Prayidae (?)	371603										
Muggiaea atlantica	3716040401	160	96		1	48	8	384			
Aglamidae	371701	32	1	4	1	pieces					
Unident. hydromedusae	37										
CNIDARIA-Scyphozoa											
Attola wyvillei	3733010101										
Periphylla periphylla	3733060101										
CNIDARIA-Anthozoa											
unident Cnidarean larvae	3755000000	2									
CTENOPHORA											
Pleurobrachia pileus	3802010101						2	1	2		
Euplokamis cucumis	3802010201										
Beroe cucumis	3807010102	1									
Unident Ctenophore	38	1	1								

Table 5. Species composition (number of animals in sample) of zooplankton in each bongo haul on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995.

Station ID → Net → Volume Sieved (m ³) → Displacement Volume (ml) →		HSC109509 Left Net	HSC109509 Right Net	HSC109515 Left Net	HSC109515 Right Net	HSC109519 Left Net	HSC109519 Right Net	HSC109520 Left Net	HSC109524 Left Net	HSC109524 Right Net	HSC109525 Left Net
		254	254	95	95	652	652	111	338	338	303
		55	50	23	29	93	100	52	100	110	140
Species	Taxon Code										
TREMATODA-larvae	3937	16									
BRYOZOA											
Cyphonautes	78			64				5632	4096	6144	
Nemertean-larvae	4301	1	2								
POLYCHAETA											
Rhynchonerella sp.	5001140101		1			8					
Travislopsis lobifera	5001190301					16					
Sagitella kowalevskii	5001190101		1								
Tomopteris septentrionalis	5001200102	400	296			88	104				
Poecobius meseres	5001560101					16	16				
Unident. Polychaeta	50							2			16
MOLLUSCA-Gastropoda											
Clione limacina	5125060101	4	1			56	16		3	64	1
Pneumodermopsis sp.	512503	1				1400		4096			
Limacina helicina	5113010102	8	8	512	640		272		2048	2048	32
Clio pyramidata	5113020502	1	2								
Clio recurva	5113020204		1								
Corolla spectabilis	5113050101										
Atlanta sp	51037301					8					
Carinaria sp	51037401										
Creseis sp.	51130203										
Gastropod veliger	51	8	3	128	60			6656	4096	2048	16
Torellia sp veliger	51036201										
Echinospira sp	5103	2									
MOLLUSCA-Bivalva											
Bivalve veligers	55	16		384	256			1024		2048	
MOLLUSCA- Cephalapoda											
Berryteuthis magister	5707030301	1									
Gonatus onyx	5707030206	1									

Table 5. Species composition (number of animals in sample) of zooplankton in each bongo haul on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995.

Station ID →		HSC109509	HSC109509	HSC109515	HSC109515	HSC109519	HSC109519	HSC109520	HSC109524	HSC109524	HSC109525	
Net →		Left Net	Right Net	Left Net	Right Net	Left Net	Right Net	Left Net	Left Net	Right Net	Left Net	
Volume Sieved (m³) →		254	254	95	95	652	652	111	338	338	303	
Displacement Volume (ml) →		55	50	23	29	93	100	52	100	110	140	
Species	Taxon Code											
Gonatus madokai	570703020											
Cranchidae-larvae	570723	1										
Unident. squid larvae	5705			1								
Octopus sp larvae	57080102											
CLADOCERA												
Evadne nordmanni	6109050101							1				64
OSTRACODA												
Conchoecia alata	6111050101	48	166			512	64					
Conchoecia elegans	6111050102	288	48			1024	3072	3			512	
Conchoecia spinorostris	6111050103											
Conchoecia haddoni	61110502											
Conchoecia obtusa	61110502	80	244									
Conchoecia borealis	6111050204	80	96	8	60	1536	4096					
Conchoecia sp	61110502							512				
Fellia bicornutus	61105											
COPEPODA-Calanoida												
Calanus marshallae	6118010204	8	344			27136	256	1024				
Calanus pacificus	6118010205											
Calanus spp.	61180102			1600	2944			45056	8704	6144	6144	
Neocalanus cristatus	6118010201	48	64			16	8	1			8192	
Neocalanus plumchrus s.l.	6118010206	1	16			64	64			32	16	
Mesocalanus sp (?)	6118010207											
Eucalanus bungii	6118030102	560	384			1024	1024	128			80	
Pseudocalanus spp	61180505	5440	2208	57600	107776	50688	47104	67072	507942	468992	589824	
Microcalanus sp	61180504	16320	14416	10240	15360	250880	332800	108544	178176	151552	122880	
Metridia lucens s.l.	6118160207	5200	1184	17408	3328	45568	32768	4608	28672	49152	24576	
Metridia ochotensis	6118160208											
Metridia sp.	61181602						1024	2560				
Pleuromma abdominalis	6118160301											
Pleuromama quadrungulata	6118160304	176										
Pleuromma scutullata	6118160306	64	216			2						
Pleuromma borealis (?)	6118160302							64				
Pleuromma xiphius	6118160307											

Table 5. Species composition (number of animals in sample) of zooplankton in each bongo haul on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995.

Station ID -->		HSC109509	HSC109509	HSC109515	HSC109515	HSC109519	HSC109519	HSC109520	HSC109524	HSC109524	HSC109525
Net -->		Left Net	Right Net	Left Net	Right Net	Left Net	Right Net	Left Net	Left Net	Right Net	Left Net
Volume Sieved (m ³) -->		254	254	95	95	652	652	111	338	338	303
Displacement Volume (ml) -->		55	50	23	29	93	100	52	100	110	140
Species	Taxon Code										
Pleuromma sp copepodites	61181603					1536					
Gausia princeps	6118160101										
Euchaeta elongata	6118080110	48	112			16	128				112
Gaetanus intermedius	6118071005	320	312			64	1024				
Gaetanus miles	6118071006										
Aetideus pacificus	6118070202					2560				2048	
Bradyidus sp.	61180704							1			
Euchirella curticauda	6118070903										
Euchirella rostrata	6118070908										
Euchirella sp.	61180709										
Arietellus plumifer	61182401										
Lophothrix frontalis	6118100201						8				
Scollithricella minor	6118100504					1024	2560				
Scollithricella ovata (?)	6118100506										
Racovitanus antarcticus	6118100301										
Tharybis fultoni	6118130101										
Lucicutia flavicornis	6118210104										
Lucicutia ovalis	6118211011										
Heterorhabdus spp.	61182202	32	32				64				64
Haloptilus oxycephalus	6118230404										
Candacia bipinnata	6118260101										
Candacia columbiae	6118260102	32	96			16	8		64	64	
Epilabidocera longipedata	6118270101										128
Acartia longiremis	6118290103	160			18176	6656	9728	11776	18432	36864	147456
Acartia danae	6118290102										
Acartia californiensis	611829010										
Tortanus discaudatus	61180300101										
Unident copepodites	6118										
unident Cal. nauplii	6118										
COPEPODA-Cyclopoida											
Oithona similis	6120090101	2800	128	23040	27648	24576	30208	16896	49152	34816	102400
Oithona spinorostri	612090104	2560	456	1280	2304	5120	7680	4096	6144	4096	
Coryaeus catus	6120040			1	64						12288
Oncaea spp	61200130	1				1024	1536				4096
Lubbockia minuta		1									

Table 5. Species composition (number of animals in sample) of zooplankton in each bongo haul on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995.

Station ID →→		HSC109509	HSC109509	HSC109515	HSC109515	HSC109519	HSC109519	HSC109520	HSC109524	HSC109524	HSC109525	
Net →→		Left Net	Right Net	Left Net	Right Net	Left Net	Right Net	Left Net	Left Net	Right Net	Left Net	
Volume Sieved (m³) →→		254	254	95	95	652	652	111	338	338	303	
Displacement Volume (ml) →→		55	50	23	29	93	100	52	100	110	140	
Species	Taxon Code											
Lubbockia wilsoni	6120010202											
COPEPODA-Harpacticoida												
Aegesthes mucrotus	6119200102						8					
Microsetella norvegica	6119090101	1										
Sapphrina sp												
CIRRIPEDA												
Lepas nauplii	613205	1	24	1			512					
Lepas cyprids	613205											
Balanoid nauplii	613402					100						
Unident cirriped nauplii	6130											
MALACOSTRACA												
AMPHIPODA-Gammarida												
Cyphocaris challengerii	6169341101	112	24			24	16	96		16		
Karoga megalops	6169341801						8					
Lysanassa sp.	61693422											
Stilipes sp.	61694902											
Tiron sp	61695005											
AMPHIPODA-Hyperiida												
Hyperia medusarum	6170010103	6	1									
Hyperoche medusarum	6170010702											
Themisto pacifica	6170011003	192	120		20	56	120	1024	384	288	528	
Primno macropa	6170040302	16	8	10		16						
Viblia australis (?)	61701901	16	16			1	16					
Phronema sp	61700301	2	1									
Paraphronema	617021001											
Scinia borealis	6170150101	32				16						
Lanceola sp.	61701801											
Cranocephalus sp. (?)	61700903											
ISOPODA												
Cryptoniscus	616501	16	1			512						
Munna sp	61631201											

Table 5. Species composition (number of animals in sample) of zooplankton in each bongo haul on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995.

Station ID → Net →		HSC109509 Left Net	HSC109509 Right Net	HSC109515 Left Net	HSC109515 Right Net	HSC109519 Left Net	HSC109519 Right Net	HSC109520 Left Net	HSC109524 Left Net	HSC109524 Right Net	HSC109525 Left Net
Volume Sieved (m³) →		254	254	95	95	652	652	111	338	338	303
Displacement Volume (ml) →		55	50	23	29	93	100	52	100	110	140
Species	Taxon Code										
MYSIDACEA											
Caesaromysis hispidus	61530105	3	8								
Meterithrops robusta	6153011201										
Neomysis rayii	6153011507										
Gnathophausia ingens	6152010102										
EUPHAUSIACA											
Euphausia pacifica	6174020101	272	312	16	1	304	344		3104	2976	96
Thysanoessa raschii	6174020906	64		16	1			1			128
Thysanoessa spinifera	6174020907	16	40			56	24			64	16
Thysanoessa longipes	6174020905	16	8	16	192	56	32	192	64	64	96
Thysanoessa inspinata	6174020903		16								
Thysanoessa sp. juv.	61740209										
Tessarabrachion oculata	6174020801	2	8			40	40				
Thysanopoda acutifrons	6174021001										
Nematoscelis difficilis	6174020401										
Stylocheiron maximum	6174020701										
Euphausiid larvae	6174020	560	344			208	56	512			64
Euphausiid naupli	6174020							512			many
DECAPODA											
Sergestes similis	6177020301										
Sergestes zoea	6177020301										
Pasiphaea pacifica	6179050101										2
Hippolytidae-zoea	617916	3									144
Hippolytidae-mysis	617616							1			
Heptacarpus stylus	6179160503										
Pandalus sp mysis stage	61791801		1								2
Pandalus tridens	6179180110										
Brachyura zoea	6187							1			16
Brachyura megalopa	6187										16
Pagurus zoea	61830602			1							16
Pagurus glaucothoe	61830602			1							
Munida quadraspina glauco.	6183100101	1									

Table 5. Species composition (number of animals in sample) of zooplankton in each bongo haul on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995.

Station ID -->		HSC109509		HSC109515		HSC109519		HSC109520		HSC109524		HSC109525	
Net -->		Left Net	Right Net	Left Net	Right Net	Left Net	Right Net	Left Net	Left Net	Right Net	Left Net	Left Net	Right Net
Volume Sieved (m³) -->		254	254	95	95	652	652	111	338	338	303		
Displacement Volume (ml) -->		55	50	23	29	93	100	52	100	110	140		
Species	Taxon Code												
Unident large nauplius	6170												
CHAETOGNATHA													
Sagitta elegans	8300000303	416	232	16	20	512	408	64	1728	1632	1024		
Sagitta scrippsae	8300000315	3				152	152	1					
Eukhronia hamata	8300000101	1328	968			2120	1688		160		304		
Unident Chaetognatha	830000												
LARVACEA													
Fritillaria borealis (?)	8413020101							4608					
Oikopleura vanhoefferi	8413010103			4	20	40	24	128	128				
Oikopleura dioica (?)	84130101	1600	1000					8704					
THALIACEA													
Salpa fusiformis	8411010301												
Doliolum sp.	84100101	48	48			8	8						
VERTEBRATA													
Nemichthys scolopaceus	8741210202												
Mallotous villosus	8755030201							6				1	
Bathylagid larvae	87560201												
Bathylagid sp. egg	87560201	1											
Leuroglossus schmidtii	8756020107												
Argoplectus hemigymis	8759020106												
Chauloidus macouni larvae	8759060101												
Chauloidus macouni eggs	8759030101												
Diaphus theta	8762140201		3				1						
Lampanyctus sp. larvae	8762140300		1										
Lampanyctus ritteri	8762140303												
Stenobrachius leucopsarus	8762140501	3	1			4	5		1				
Protomyctophum thompsoni	8762141002	4					1						
Tarletonbeania crenularis	8792140701					1							
Unident Myctophid larvae	876214									32			
Sebastes sp. larva	88260101				1	1	1						
Artemia harringtoni	8831020402							1					
Psycchrolutes sigalutes	8831070301											3	

Table 5. Species composition (number of animals in sample) of zooplankton in each bongo haul on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995.

Station ID -->		HSC109509	HSC109509	HSC109515	HSC109515	HSC109519	HSC109519	HSC109520	HSC109524	HSC109524	HSC109525
Net -->		Left Net	Right Net	Left Net	Right Net	Left Net	Right Net	Left Net	Left Net	Right Net	Left Net
Volume Sieved (m ³) -->		254	254	95	95	652	652	111	338	338	303
Displacement Volume (ml) -->		55	50	23	29	93	100	52	100	110	140
Species	Taxon Code										
Liparis sp	88310908							1	1		32
Nectoliparis pelagicus	8831091001										
Citharichthys stigmaeus	8857030102										
Microstomus pacificus	8857041201										

Table 5. Species composition (number of animals in sample) of zooplankton in each bongo haul on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995.

Station ID ---->		HSC109525	HSC109532	HSC109532	HSC109534	HSC109534	HSC109535	HSC109536	HSC109537	HSC109540	HSC109544
Net ---->		Right Net	Left Net	Right Net	Left Net	Left Net	Left Net	Left Net	Left Net	Left Net	Left Net
Volume Sieved (m³) ---->		303	348	348	249	249	250	374	150	230	227
Displacement Volume (ml) ---->		140	90	95	75		80	100	45	110	70
Species	Taxon Code										
PYRROPHTA-Peridiniales											
Prorocentrum scutellum	1202010405										many
Noctiluca sp.	12040501										
FORAMINIFERA											
RADIOLARIA	345420						many	present			
	3465							present		32	
CNIDARIA-Hydromedusae											
Sarsia sp.	37030609										
Neoturris sp	37031203										
Phialidium gregarium	3704010401	48									
Aequorea aequorea	3704040705	4									
Mitrocoma cellularia	3704080101								3		
Proboscycactyla flavicerrata	3705060204									1	
Aglantha digitale	3711010201	2			192	common	100	256		16	128
Aegina citrea	371201010							10			
Pegantha sp.	37120201										
Solimissus marshallae	3712030202				2				5	3	16
Tetraplatia volitans	3713000101									2	
Dimophyes arctica	3716010501										
Prayidae (?)	371603										
Muggiaea atlantica	3716040401	880	80	48	192	common	100	448	3	3	32
Aglamidae	371701				pieces						16
Unident. hydromedusae	37									1	
CNIDARIA-Scyphozoa											
Attola wyvillei	3733010101									1	
Periphylla periphylla	3733060101				1						
CNIDARIA-Anthozoa											
unident Cnidarean larvae	3755000000					present					1
CTENOPHORA											
Pleurobrachia pileus	3802010101					present					80
Euplokamis cucumis	3802010201										
Beroe cucumis	3807010102										
Unident Ctenophore	38										

Table 5. Species composition (number of animals in sample) of zooplankton in each bongo haul on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995.

Station ID ----> Net ----> Volume Sieved (m ³) ----> Displacement Volume (ml) ---->		HSC109525 Right Net	HSC109532 Left Net	HSC109532 Right Net	HSC109534 Left Net	HSC109534 Left Net	HSC109535 Left Net	HSC109536 Left Net	HSC109537 Left Net	HSC109540 Left Net	HSC109544 Left Net
		303	348	348	249	249	250	374	150	230	227
		140	90	95	75		80	100	45	110	70
Species	Taxon Code										
TREMATODA-larvae	3937										
BRYOZOA											
Cyphonautes	78			896					32		
Nemertean-larvae	4301	1024				present					
POLYCHAETA											
Rhynchonerella sp.	5001140101					present	3				
Travisopsis lobifera	5001190301					present					1
Sagitella kowalevskii	5001190101					present	1				
Tomopteris septentrionalis	5001200102		16	16	128	few	192	1472	1	80	128
Poebius meseres	5001560101							32		2	
Unident. Polychaeta	50										
MOLLUSCA-Gastropoda											
Clione limacina	5125060101	32	64	112	64	rare		128	1	2	128
Pnemodegmopsis sp.	512503										
Limacina helicina	5113010102	8192	64	64	384	common	9216	8704	304	32	1536
Clio pyramidata	5113020502										16
Clio recurva	5113020204										
Corolla spectabilis	5113050101								1		16
Atlanta sp	51037301				64	rare			32		384
Carinaria sp	51037401										
Creseis sp.	51130203										1
Gastropod veliger	51		16							1	
Torellia sp veliger	51036201						4	3	16		
Echinospira sp	5103								16		
MOLLUSCA-Bivalva											
Bivalve veligers	55								128		
MOLLUSCA- Cephalapoda											
Berryteuthis magister	5707030301										
Gonatus onyx	5707030206			1							

Table 5. Species composition (number of animals in sample) of zooplankton in each bongo haul on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995.

Station ID ---> Net ---> Volume Sieved (m ³) ---> Displacement Volume (ml) --->		HSC109525 Right Net	HSC109532 Left Net	HSC109532 Right Net	HSC109534 Left Net	HSC109534 Left Net	HSC109535 Left Net	HSC109535 Left Net	HSC109536 Left Net	HSC109537 Left Net	HSC109540 Left Net	HSC109544 Left Net
		303	348	348	249	249	250	374	150	230	227	
		140	90	95	75		80	100	45	110	70	
Species	Taxon Code											
Gonatus madokai	570703020				1							
Cranchidae-larvae	570723									1		
Unident. squid larvae	5705				1	present						1
Octopus sp larvae	57080102		1		2	present						
CLADOCERA												
Evadne nordmanni	6109050101	4096										
OSTRACODA												
Conchoecia alata	6111050101		64	128	64	rare	16	256	208	208	128	
Conchoecia elegans	6111050102	256	2816	2176	384	common	4096	64	720	890	640	
Conchoecia spinorostis	6111050103								688		128	
Conchoecia haddoni	61110502						48	512	16		128	
Conchoecia obtusa	61110502						8192	1792		816	128	
Conchoecia borealis	6111050204		128									
Conchoecia sp	61110502		200	384	384	rare			704			
Fellia bicornutus	61105								16			
COPEPODA-Calanoida												
Calanus marshallae	6118010204	28672	2048	1920					80	1600	512	
Calanus pacificus	6118010205							30208			5888	
Calanus spp.	61180102		1408		3136	common	14336	2548				
Neocalanus cristatus	6118010201	64	64	64	56	rare		2240	80	32	64	
Neocalanus plumchrus s.l.	6118010206		896	128	10	rare	48	2048	32	16	16	
Mesocalanus sp (?)	6118010207								1	192		
Eucalanus bungii	6118030102	2048	368	256	704	common	64	5696		480	5760	
Pseudocalanus spp	61180505	1614528	15104	2688	60416	abundant	268288	115520	42816	68320	7808	
Microcalanus sp	61180504		72960	56192	3640	abundant	23552		3200		17408	
Metridia lucens s.l.	6118160207	20480	2340	6144	9728	common	72704	26880	832	5440	3712	
Metridia ochotensis	6118160208									64		
Metridia sp.	61181602								3136			
Pleuromma abdominalis	6118160301											
Pleuromma quadrangulata	6118160304								256			
Pleuromma scutellata	6118160306				384	common		64		112	16	
Pleuromma borealis (?)	6118160302		384	256								
Pleuromma xiphius	6118160307								4			

Table 5. Species composition (number of animals in sample) of zooplankton in each bongo haul on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995.

Station ID -->		HSC109525	HSC109532	HSC109532	HSC109534	HSC109534	HSC109535	HSC109536	HSC109537	HSC109540	HSC109544
Net -->		Right Net	Left Net	Right Net	Left Net	Left Net	Left Net	Left Net	Left Net	Left Net	Left Net
Volume Sieved (m ³) -->		303	348	348	249	249	250	374	150	230	227
Displacement Volume (ml) -->		140	90	95	75		80	100	45	110	70
Species	Taxon Code										
Pleuromma sp copepodites	61181603						1024	768			256
Gausia princeps	6118160101										
Euchaeta elongata	6118080110	16	80	128	64	rare		256	800	1120	128
Gaetanus intermedius	6118071005		1152	512	640	common	16	256	544	672	32
Gaetanus miles	6118071006								16		
Aetideus pacificus	6118070202								80	288	
Bradydus sp.	61180704										
Euchirella curticauda	6118070903								1		
Euchirella rostrata	6118070908										
Euchirella sp.	61180709										1
Arietellus plumifer	61182401								1		
Lophothrix frontalis	6118100201					present					1
Scolithricella minor	6118100504		256	256	512		3072	256	364	480	
Scolithricella ovata (?)	6118100506								4		
Racovitana antarctica	6118100301										
Tharyx fultoni	6118130101							256			
Lucicutia flavicornis	6118210104								64	256	256
Lucicutia ovalis	6118211011										
Heterorhabdus spp.	61182202		256			rare	128	320	128	96	32
Haloptilus oxycephalus	6118230404										
Candacia bipinnata	6118260101										256
Candacia columbiae	6118260102			512		rare	16	64	160		
Epilabidocera longipalata	6118270101	48	256			present					
Acartia longiremis	6118290103	303104	2816	1152	256				1408	32	
Acartia danae	6118290102										
Acartia californiensis	6118290110										128
Tortanus discaudatus	61180300101										
Unident. copepodites	6118						10240				
unident. Cal. nauplii	6118						2048				384
COPEPODA-Cyclopoida											
Oithona similis	6120090101	299008	12032	6528	7680	abundant	29696	9472	4928	400	8192
Oithona spinirostris	612090104		128		2048	common	12288	1008	2304	240	755
Coryaeus catus	6120040	16384									
Oncaea spp	61200130		12384	6144	1024	present	5120	336	320	32	768
Lubbockia minuta											

Table 5. Species composition (number of animals in sample) of zooplankton in each bongo haul on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995.

Station ID → Net → Volume Sieved (m ³) → Displacement Volume (ml) →	Taxon Code	HSC109525	HSC109532	HSC109532	HSC109534	HSC109534	HSC109535	HSC109536	HSC109537	HSC109540	HSC109544
		Right Net	Left Net	Right Net	Left Net	Left Net	Left Net	Left Net	Left Net	Left Net	Left Net
		303	348	348	249	249	250	374	150	230	227
		140	90	95	75		80	100	45	110	70
Species	Taxon Code										
Lubbockia wilsoni	6120010202									16	
COPEPODA-Harpacticoida											
Aegesthes murex	6119200102										
Microsetella norvegica	6119090101										
Sapphrina sp.											
CIRRIPEDA											
Lepas nauplii	613205				64		16	64			
Lepas cyprids	613205										
Balanoid nauplii	613402										
Unident cirriped nauplii	6130				64		16				
MALACOSTRACA											
AMPHIPODA-Gammarida											
Cyphocaris challenger	6169341101		512	512	24	rare	16	64	16	48	
Karoga megalops	6169341801		48	48							
Lysanassa sp.	61693422			16							
Stilipes sp.	61694902		1								
Tiron sp.	61695005		1								
AMPHIPODA-Hyperidea											
Hyperia medusarum	6170010103			16	1			3			
Hyperoche medusarum	6170010702										
Themisto pacifica	6170011003	800	176	80	126	common	320	64	160	480	384
Primno macropa	6170040302			16	8	present		64	32	48	2
Viblia australis (?)	61701901					present					2
Phronema sp.	61700301					present	32		1	1	1
Paraphronema	617021001				16						
Scinia borealis	6170150101			16						16	
Lanceola sp.	61701801									1	1
Craniocephalus sp. (?)	61700903										1
ISOPODA											
Cryptoniscus	616501		16				16	64	16	16	256
Munna sp.	61631201							1			

Table 5. Species composition (number of animals in sample) of zooplankton in each bongo haul on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995.

Station ID →→		HSC109525	HSC109532	HSC109532	HSC109534	HSC109534	HSC109535	HSC109536	HSC109537	HSC109540	HSC109544
Net →→		Right Net	Left Net	Right Net	Left Net	Left Net	Left Net	Left Net	Left Net	Left Net	Left Net
Volume Sieved (m³) →→		303	348	348	249	249	250	374	150	230	227
Displacement Volume (ml) →→		140	90	95	75		80	100	45	110	70
Species	Taxon Code										
MYSIDACEA											
Caesaromysis hispidus	61530105				1						
Meterythropus robusta	6153011201	48									
Neomysis rayii	6153011507	1									
Gnathophausia ingens	6152010102									1	
EUPHAUSIACA											
Euphausia pacifica	6174020101	80			120	common	1	256	48	240	112
Thysanoessa raschii	6174020906	80		560							
Thysanoessa spinifera	6174020907	16			1	common	6	576		48	
Thysanoessa longipes	6174020905	112		25	8	rare					
Thysanoessa inspinata	6174020903										
Thysanoessa sp. juv.	61740209						48		48		160
Tessarabrachion oculata	6174020801				1	present				4	16
Thysanopoda acutifrons	6174021001										
Nematoscelis difficilis	6174020401									64	
Stylocheiron maximum	6174020701					present					1
Euphausiid larvae	6174020	96		128			2048	448		96	1920
Euphausiid naupli	6174020	8192							576		384
DECAPODA											
Sergestes similis	6177020301				1				5	5	1
Sergestes zoea	6177020301										1
Pasiphaea pacifica	6179050101	35	84	30							
Hippolytidae-zoea	617916	304									
Hippolytidae-mysis	617616						1				
Heptacarpus stylus	6179160503										
Pandalus sp mysis stage	61791801										
Pandalus tridens	6179180110										
Brachyura zoea	6187	16									
Brachyura megalopa	6187										
Pagurus zoea	61830602	48		16							
Pagurus glaucothoe	61830602										
Munida quadraspina glauco.	6183100101										

Table 5. Species composition (number of animals in sample) of zooplankton in each bongo haul on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995.

Station ID ---->		HSC109525	HSC109532	HSC109532	HSC109534	HSC109534	HSC109535	HSC109536	HSC109537	HSC109540	HSC109544
Net ---->		Right Net	Left Net	Right Net	Left Net	Left Net	Left Net	Left Net	Left Net	Left Net	Left Net
Volume Sieved (m³) ---->		303	348	348	249	249	250	374	150	230	227
Displacement Volume (ml) ---->		140	90	95	75		80	100	45	110	70
Species	Taxon Code										
Unident large nauplius	6170										
CHAETOGNATHA											
Sagitta elegans	8300000303	1152	672	400	768	abundant	2048	896	192	368	3584
Sagitta scrippsae	8300000315				64	common	48	2	175	16	256
Eukhronia hamata	8300000101	240	720	432	640	abundant	8192	4160	832	784	896
Unident Chaetognatha	830000				896	abundant	6144	1088	160		12544
LARVACEA											
Fritillaria borealis (?)	8413020101	36864									
Oikopleura vanhoeffeni	8413010103	4096			384	rare	1	64	4480	576	11520
Oikopleura dioica (?)	84130101										
THALIACEA											
Salpa fusiformis	8411010301							64	48		1
Doliolum sp.	84100101									2	128
VERTEBRATA											
Nemichthys scolopaceus	8741210202										1
Mallotus villosus	8755030201										
Bathylagid larvae	87560201										2
Bathylagid sp. egg	87560201									2	1
Leuroglossus schmidtii	8756020107		1	1							
Argoplectus hemigymis	8759020106										
Chauloides macouni larvae	8759060101								1		
Chauloides macouni eggs	8759030101										
Diaphus theta	8762140201										
Lampanyctus sp. larvae	8762140300										
Lampanyctus ritteri	8762140303										
Stenobrachius leucopsarus	8762140501				6	5		4	7	5	
Protomyctophum thompsoni	8762141002										
Tarletonbeania crenularis	8792140701										
Unident Myctophid larvae	876214						32				4
Sebastes sp. larva	88260101				1				1	1	
Arctedius harringtoni	8831020402										
Pscychrolutes sigalutes	8831070301	1									

Table 5. Species composition (number of animals in sample) of zooplankton in each bongo haul on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995.

Station ID -->		HSC109525	HSC109532	HSC109532	HSC109534	HSC109534	HSC109535	HSC109536	HSC109537	HSC109540	HSC109544
Net -->		Right Net	Left Net	Right Net	Left Net	Left Net	Left Net	Left Net	Left Net	Left Net	Left Net
Volume Sieved (m ³) -->		303	348	348	249	249	250	374	150	230	227
Displacement Volume (ml) -->		140	90	95	75		80	100	45	110	70
Species	Taxon Code										
Liparis sp	88310908										
Nectoliparis pelagicus	8831091001		2	1							
Citharichthys stigmaeus	8857030102								1	1	
Microstomus pacificus	8857041201						1				

Table 5. Species composition (number of animals in sample) of zooplankton in each bongo haul on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995.

Station ID -->		HSC109547	HSC109550	HSC109553	HSC109556	HSC109559	HSC109562	HSC109568
Net -->		Left Net	Left Net	Left Net	Left Net	Left Net	Right Net	Left Net
Volume Sieved (m³) -->		173	212	147	267	204	263	229
Displacement Volume (ml) -->		60	65	80	85	90	50	70
Species	Taxon Code							
PYRROPHTA-Peridiniales								
Proocentrum scutellum	1202010405	many	384	384		1920	present	present
Noctiluca sp.	12040501						present	
FORAMINIFERA								
RADIOLARIA	345420		spores (?)				present	
	3465					present	present	present
CNIDARIA-Hydromedusae								
Sarsia sp.	37030609	32	16					
Neoturris sp	37031203							
Phialidium gregarium	3704010401							
Aequorea aequorea	3704040705							
Mitrocoma cellularia	3704080101							
Proboscycyrtactyla flavicerrata	3705060204							
Aglantha digitale	3711010201	32	112	208	208	112	352	512
Aegina citrea	371201010							
Pegantha sp.	37120201							
Solimissus marshallae	3712030202	3	32			3		
Tetraplatia volitans	3713000101	16					1	
Dimophyes arctica	3716010501	16						
Prayidae (?)	371603							1
Muggiaea atlantica	3716040401	16	16		48	144	64	256
Aglamidae	371701		16	pieces				
Unident. l. hydromedusae	37							
CNIDARIA-Scyphozoa								
Attola wyvillei	3733010101							
Periphylla periphylla	3733060101	2				1	1	
CNIDARIA-Anthozoa								
unident Cnidarean larvae	3755000000	16						
CTENOPHORA								
Pleurobrachia pileus	3802010101	32						
Euplokamis cucumis	3802010201			5				
Beroe cucumis	3807010102							
Unident Ctenophore	38							

Table 5. Species composition (number of animals in sample) of zooplankton in each bongo haul on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995.

Station ID --> Net --> Volume Sieved (m ³) --> Displacement Volume (ml) -->		HSC109547 Left Net	HSC109550 Left Net	HSC109553 Left Net	HSC109556 Left Net	HSC109559 Left Net	HSC109562 Right Net	HSC109568 Left Net
		173	212	147	267	204	263	229
		60	65	80	85	90	50	70
Species	Taxon Code							
TREMATODA-larvae	3937							
BRYOZOA								
Cyphonautes	78	128						1024
Nemertean-larvae	4301							
POLYCHAETA								
Rhynchonerella sp.	5001140101					1	3	
Travisopsis lobifera	5001190301	16					1	
Sagitella kowalevskii	5001190101				16			
Tomopteris septentrionalis	5001200102	144	32	96	80	48	128	256
Poebius meseres	5001560101						64	
Unident. Polychaeta	50					1		
MOLLUSCA-Gastropoda								
Clione limacina	5125060101	16		16	16		192	64
Pneumodermopsis sp.	512503		32					
Limacina helicina	5113010102	128	896	240	576	2560	1216	2048
Clio pyramidata	5113020502		1	4				
Clio recurva	5113020204							
Corolla spectabilis	5113050101	16						
Atlanta sp	51037301	32				48		
Carinaria sp	51037401	2						
Creseis sp.	51130203							
Gastropod veliger	51		160	256	16			
Torellia sp veliger	51036201							
Echinospira sp	5103							
MOLLUSCA-Bivalva								
Bivalve veligers	55							256
MOLLUSCA- Cephalapoda								
Berryteuthis magister	5707030301							
Gonatus onyx	5707030206							

Table 5. Species composition (number of animals in sample) of zooplankton in each bongo haul on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995.

Station ID -->		HSC109547	HSC109550	HSC109553	HSC109556	HSC109559	HSC109562	HSC109568
Net -->		Left Net	Left Net	Left Net	Left Net	Left Net	Right Net	Left Net
Volume Sieved (m ³) -->		173	212	147	267	204	263	229
Displacement Volume (ml) -->		60	65	80	85	90	50	70
Species	Taxon Code							
Gonatus madokai	570703020							
Cranchidae-larvae	570723			1		1	1	
Unident. squid larvae	5705	32	5	4	1			
Octopus sp larvae	57080102							
CLADOCERA								
Evadne nordmanni	6109050101							
OSTRACODA								
Conchoecia alata	6111050101	32	48	128	128	present	512	512
Conchoecia elegans	6111050102	2176	768	896	3328	4352	1536	5120
Conchoecia spinorostis	6111050103	1408	640	768	1024	1792		
Conchoecia haddoni	61110502	32	16	256	80	768	512	
Conchoecia obtusa	61110502	384	640	640	2944	3200	11776	
Conchoecia borealis	6111050204			384				2048
Conchoecia sp	61110502							
Fellia bicornutus	61105	16						
COPEPODA-Calanoida								
Calanus marshallae	6118010204							
Calanus pacificus	6118010205	256						
Calanus spp.	61180102	128	384	4096	2560	4992	448	256
Neocalanus cristatus	6118010201	128	16	64		1	96	
Neocalanus plumchrus s.l.	6118010206	80	64			80	1	
Mesocalanus sp (?)	6118010207							
Eucalanus bungii	6118030102	1920	256	6528	128	2096	2208	1024
Pseudocalanus spp	61180505	7680	76928	45312	50688	20224	122368	26112
Microcalanus sp	61180504	10240	51712	10240	44288	22400	42496	76800
Metridia lucens s.l.	6118160207	4480	13312	7168	77568	27520	40448	16384
Metridia ochotensis	6118160208							
Metridia sp.	61181602							
Pleuromma abdominalis	6118160301	8	48					
Pleuromma quadrangulata	6118160304						16	
Pleuromma scutellata	6118160306	256				208	16	250
Pleuromma borealis (?)	6118160302		80					
Pleuromma xiphius	6118160307							

Table 5. Species composition (number of animals in sample) of zooplankton in each bongo haul on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995.

Station ID -->		HSC109547	HSC109550	HSC109553	HSC109556	HSC109559	HSC109562	HSC109568
Net -->		Left Net	Left Net	Left Net	Left Net	Left Net	Right Net	Left Net
Volume Sieved (m ³) -->		173	212	147	267	204	263	229
Displacement Volume (ml) -->		60	65	80	85	90	50	70
Species	Taxon Code							
Pleuromma sp copepodites	61181603			128		256		512
Gausia princeps	6118160101					1		
Euchaeta elongata	6118080110	112	112	16	32	80	128	512
Gaetanus intermedius	6118071005	768	128	16		208	2560	512
Gaetanus miles	6118071006					16		
Aetideus pacificus	6118070202			384	2048	1152	2048	
Bradyidus sp.	61180704							512
Euchirella curticauda	6118070903		48					
Euchirella rostrata	6118070908							
Euchirella sp.	61180709	16						
Arietellus plumifer	61182401							
Lophothrix frontalis	6118100201	16	16				2	
Scollithricella minor	6118100504	1408		256	896	512	5120	512
Scollithricella ovata (?)	6118100506							
Racovitanus antarcticus	6118100301	1152	384	384		768		
Tharybis fultoni	6118130101							
Lucicutia flavicomis	6118210104	1280	32		128	1024		
Lucicutia ovalis	6118211011						2560	
Heterorhabdus spp.	61182202	384	80	256	512	128	1024	256
Haloptilus oxycephalus	6118230404		1	128				
Candacia bipinnata	6118260101	256						
Candacia columbiae	6118260102				256		64	
Epilabidocera longipedata	6118270101							
Acartia longiremis	6118290103							
Acartia danae	6118290102	384						
Acartia californiensis	611829010							
Tortanus discaudatus	61180300101							
Unident copepodites	6118			128				
unident Cal. nauplii	6118							
COPEPODA-Cyclopoida								
Oithona similis	6120090101	7040	1152	10112	7168	2944		16896
Oithona spinorostris	612090104	7424	3456	6272	24448	640		6656
Coryaeus catus	6120040							
Oncaea spp	61200130	512	640	2432	640	1408	960	2560
Lubbockia minuta				128				

Table 5. Species composition (number of animals in sample) of zooplankton in each bongo haul on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995.

Station ID -->		HSC109547	HSC109550	HSC109553	HSC109556	HSC109559	HSC109562	HSC109568
Net -->		Left Net	Left Net	Left Net	Left Net	Left Net	Right Net	Left Net
Volume Sieved (m ³) -->		173	212	147	267	204	263	229
Displacement Volume (ml) -->		60	65	80	85	90	50	70
Species	Taxon Code							
Lubbockia wilsoni	6120010202							
COPEPODA-Harpacticoida								
Aegesthes mucrotus	6119200102					32		
Microsetella norvegica	6119090101			128			256	
Sapphrina sp		128						
CIRRIPEDA								
Lepas nauplii	613205							
Lepas cyprids	613205							
Balanoid nauplii	613402							
Unident cirriped nauplii	6130							
MALACOSTRACA								
AMPHIPODA-Gammarida								
Cyphocaris challenger	6169341101			16	16	16	64	64
Karoga megalops	6169341801					4		
Lysanassa sp.	61693422							
Stilipes sp.	61694902					1		
Tiron sp	61695005							
AMPHIPODA-Hyperlida								
Hyperia medusarum	6170010103							
Hyperoche medusarum	6170010702							
Themisto pacifica	6170011003	128	960	9216	496	288	160	512
Primno macropa	6170040302		16	16	16	16	2	256
Viblia australis (?)	61701901						1	
Phronema sp	61700301			16			2	1
Paraphronema	617021001				1	1		
Scinia borealis	6170150101						3	
Lanceola sp.	61701801							
Cranocephalus sp. (?)	61700903							
ISPODA								
Cryptoniscus	616501		16		16	16		
Munna sp	61631201							

Table 5. Species composition (number of animals in sample) of zooplankton in each bongo haul on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995.

Station ID → Net →		HSC109547	HSC109550	HSC109553	HSC109556	HSC109559	HSC109562	HSC109568
Volume Slewed (m ³) →		Left Net	Left Net	Left Net	Left Net	Left Net	Right Net	Left Net
Displacement Volume (ml) →		173	212	147	267	204	263	229
		60	65	80	85	90	50	70
Species	Taxon Code							
MYSIDACEA								
Caesaromysis hispidus	61530105							
Meterythropus robusta	6153011201							
Neomysis rayii	6153011507							
Gnathophausia ingens	6152010102							
EUPHAUSIACA								
Euphausia pacifica	6174020101	64	48	240	64	48	96	64
Thysanoessa raschii	6174020906		16					
Thysanoessa spinifera	6174020907		128				3	1
Thysanoessa longipes	6174020905							
Thysanoessa inspinata	6174020903	64		768	48	64		
Thysanoessa sp. juv.	61740209		1344	2432	64	32		
Tessarabrachion oculata	6174020801	16	16	1	32		64	16
Thysanopoda acutifrons	6174021001			1				
Nematoscelis difficilis	6174020401	1		1				
Stylocheiron maximum	6174020701	64		1	3	4		
Euphausiid larvae	6174020	384	64	1664	64		384	1024
Euphausiid naupli	6174020		128	1920	2176			512
DECAPODA								
Sergestes similis	6177020301	1			8	2		1
Sergestes zoea	6177020301	128						
Pasiphaea pacifica	6179050101							
Hippolytidae-zoea	617916							
Hippolytidae-mysis	617616							
Heptacarpus stylus	6179160503						1	
Pandalus sp mysis stage	61791801							
Pandalus tridens	6179180110							
Brachyura zoea	6187							
Brachyura megalopa	6187							
Pagurus zoea	61830602							
Pagurus glaucothoe	61830602							
Munida quadraspina glauco.	6183100101							

Table 5. Species composition (number of animals in sample) of zooplankton in each bongo haul on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995.

Station ID --> Net --> Volume Sieved (m ³) --> Displacement Volume (ml) -->		HSC109547 Left Net	HSC109550 Left Net	HSC109553 Left Net	HSC109556 Left Net	HSC109559 Left Net	HSC109562 Right Net	HSC109568 Left Net
		173	212	147	267	204	263	229
		60	65	80	85	90	50	70
Species	Taxon Code							
Unident large nauplius	6170			128	144			
CHAETOGNATHA								
Sagitta elegans	8300000303	160	96	16	16	32	1888	3036
Sagitta scrippsae	8300000315	144	144	112	96	48	32	16
Eukhronia hamata	8300000101	432	464	576	3040	1616	832	256
Unident Chaetognatha	830000	15744	80	176	432	144		
LARVACEA								
Fritillaria borealis (?)	8413020101		128	128			128	
Oikopleura vanhoeffeni	8413010103		640	256	2816	6400		5120
Oikopleura dioica (?)	84130101						64	
THALIACEA								
Salpa fusiformis	8411010301							
Doliolum sp.	84100101	3328		64		80	10	
VERTEBRATA								
Nemichthys scolopaceus	8741210202							
Mallotus villosus	8755030201							
Bathylagid larvae	87560201							
Bathylagid sp. egg	87560201		16	16	16		1	
Leuroglossus schmidt	8756020107							
Argoplectus hemigymis	8759020106		1					
Chauloides macouni larvae	8759060101							1
Chauloides macouni eggs	8759030101	32		1				
Diaphus theta	8762140201	1		1	1			
Lampanyctus sp. larvae	8762140300							
Lampanyctus ritteri	8762140303		1					
Stenobrachius leucopsarus	8762140501		2		1	2	4	2
Protomyctophum thompsoni	8762141002						2	1
Tarletonbeania crenularis	8792140701							
Unident Myctophid larvae	876214				32			
Sebastes sp. larva	88260101							
Artedius harringtoni	8831020402							
Pseudochelodactylus sigalutes	8831070301							

Table 5. Species composition (number of animals in sample) of zooplankton in each bongo haul on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995.

Station ID -->	HSC109547	HSC109550	HSC109553	HSC109556	HSC109559	HSC109562	HSC109568
Net -->	Left Net	Left Net	Left Net	Left Net	Left Net	Right Net	Left Net
Volume Sieved (m ³) -->	173	212	147	267	204	263	229
Displacement Volume (ml) -->	60	65	80	85	90	50	70
Species	Taxon Code						
Liparis sp	88310908	:	:	:	:	:	:
Nectoliparis pelagicus	8831091001	:	:	:	:	:	:
Citharichthys stigmæus	8857030102	:	:	:	:	:	:
Microstomus pacificus	8857041201	:	:	:	:	:	:

F.V. Columbia Survey, Gulf of Alaska
October - November 1995
Fishing Stations

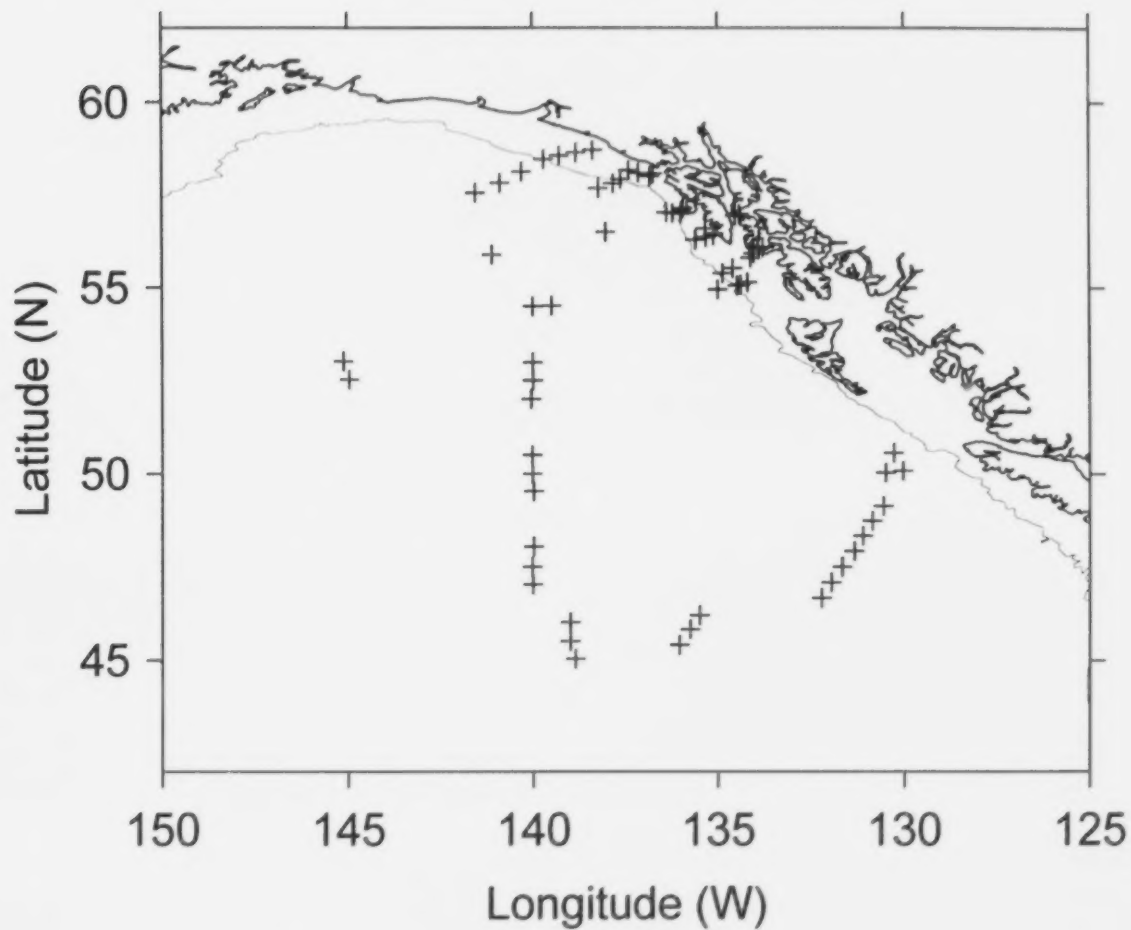


Figure 1. Fishing stations completed on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995.

CCGS W.E. Ricker Survey, Gulf of Alaska
November - December 1997
Oceanographic Stations

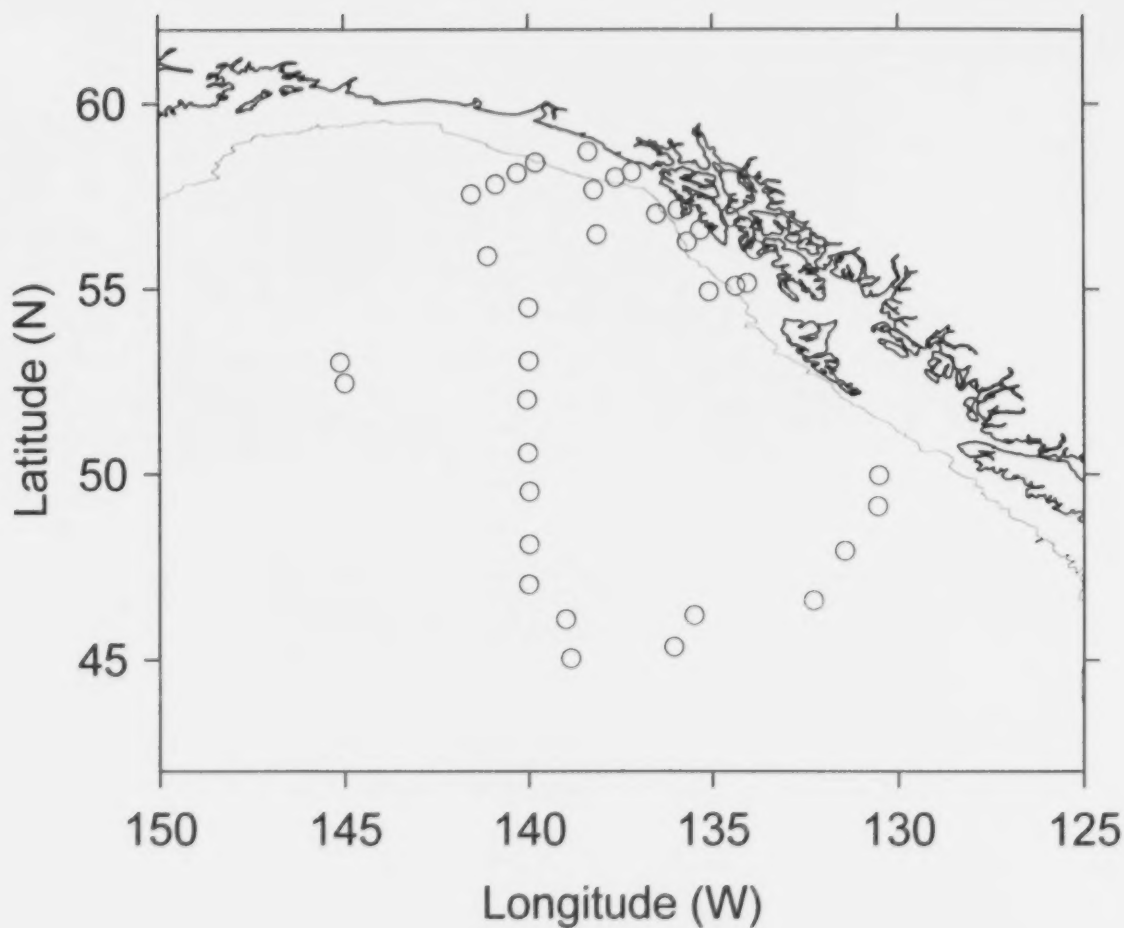


Figure 2. Oceanographic stations completed on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995.

F.V. Columbia Survey, Gulf of Alaska
October - November 1995
Zooplankton Stations

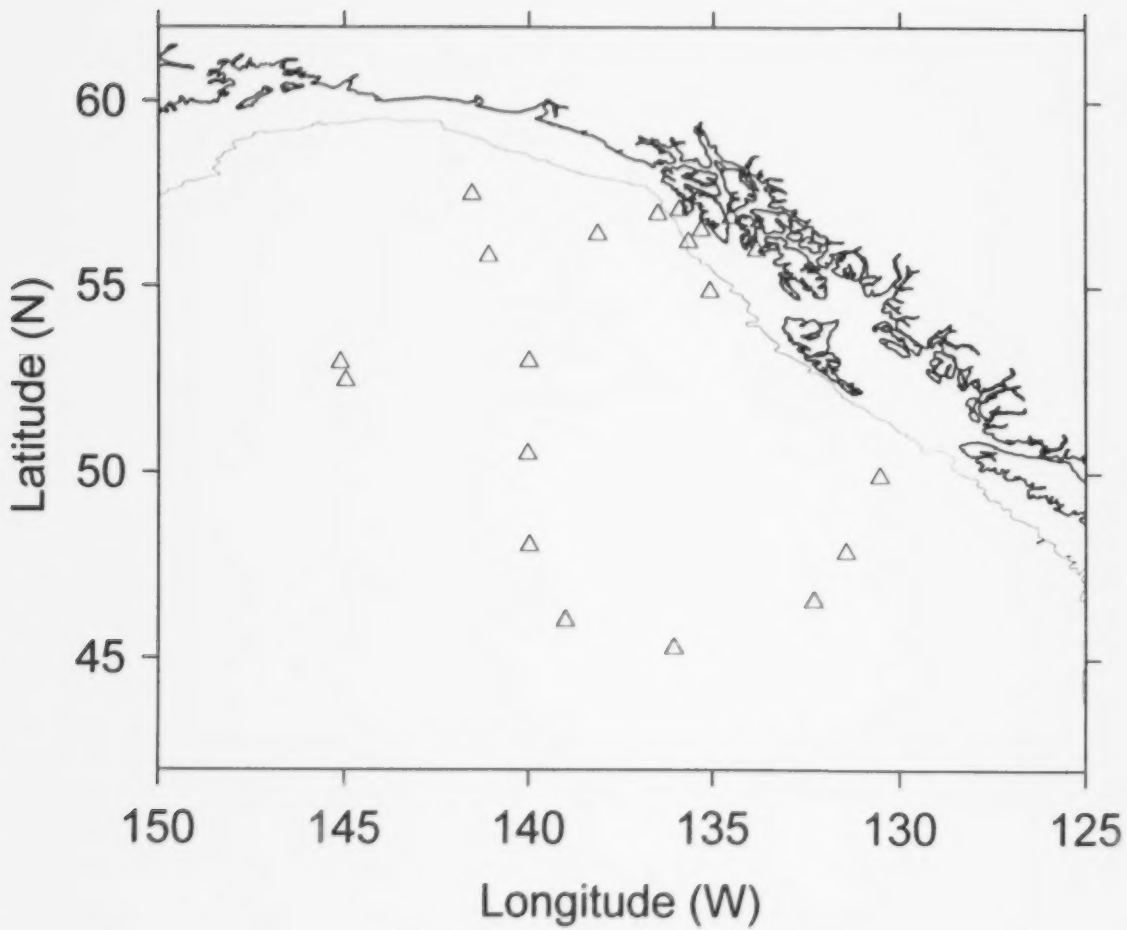


Figure 3. Zooplankton stations completed on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995.

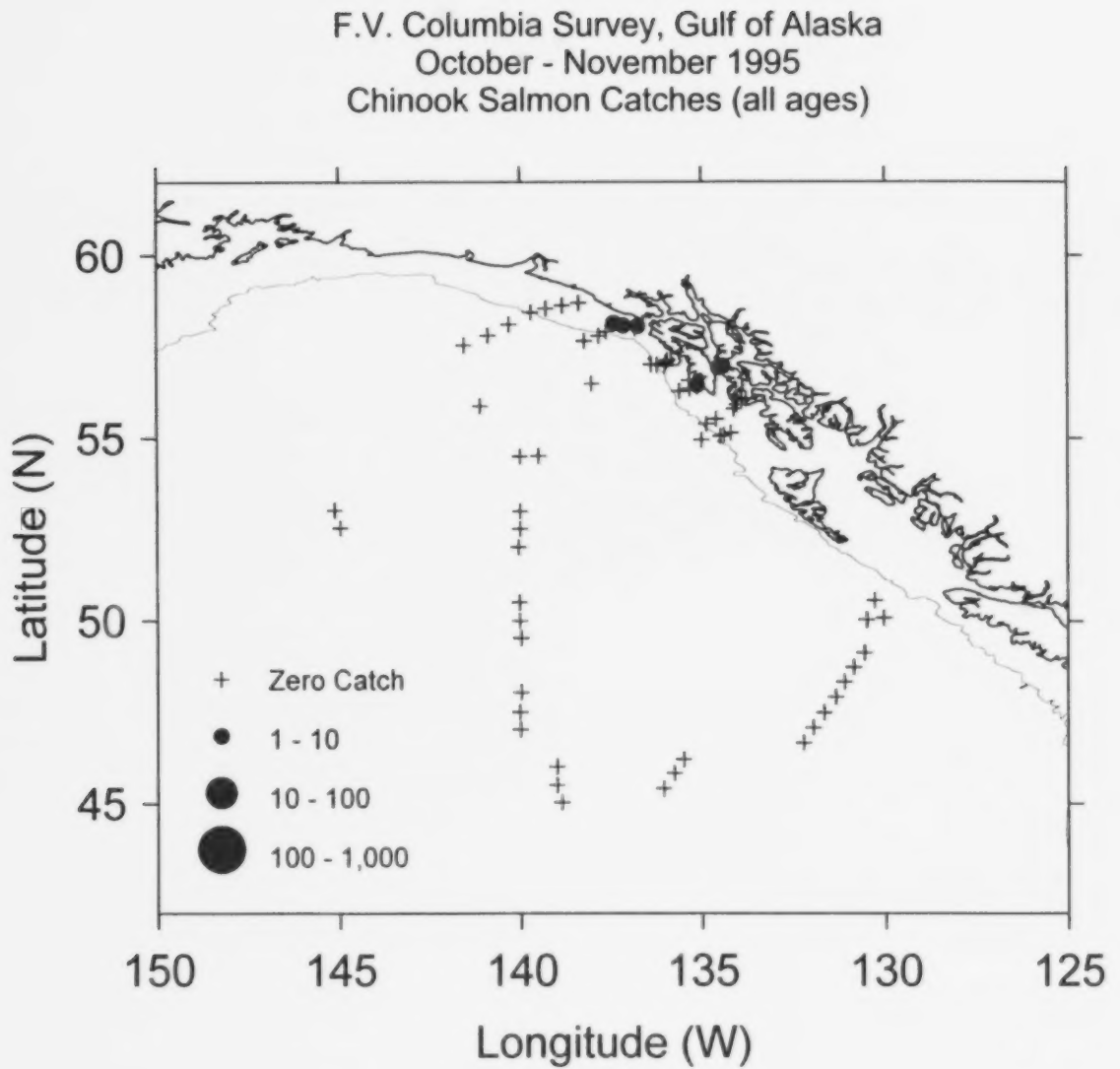


Figure 4. Summary of chinook salmon (all ages) catches on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995.

F.V. Columbia Survey, Gulf of Alaska
October - November 1995
Juvenile Chum Salmon Catches

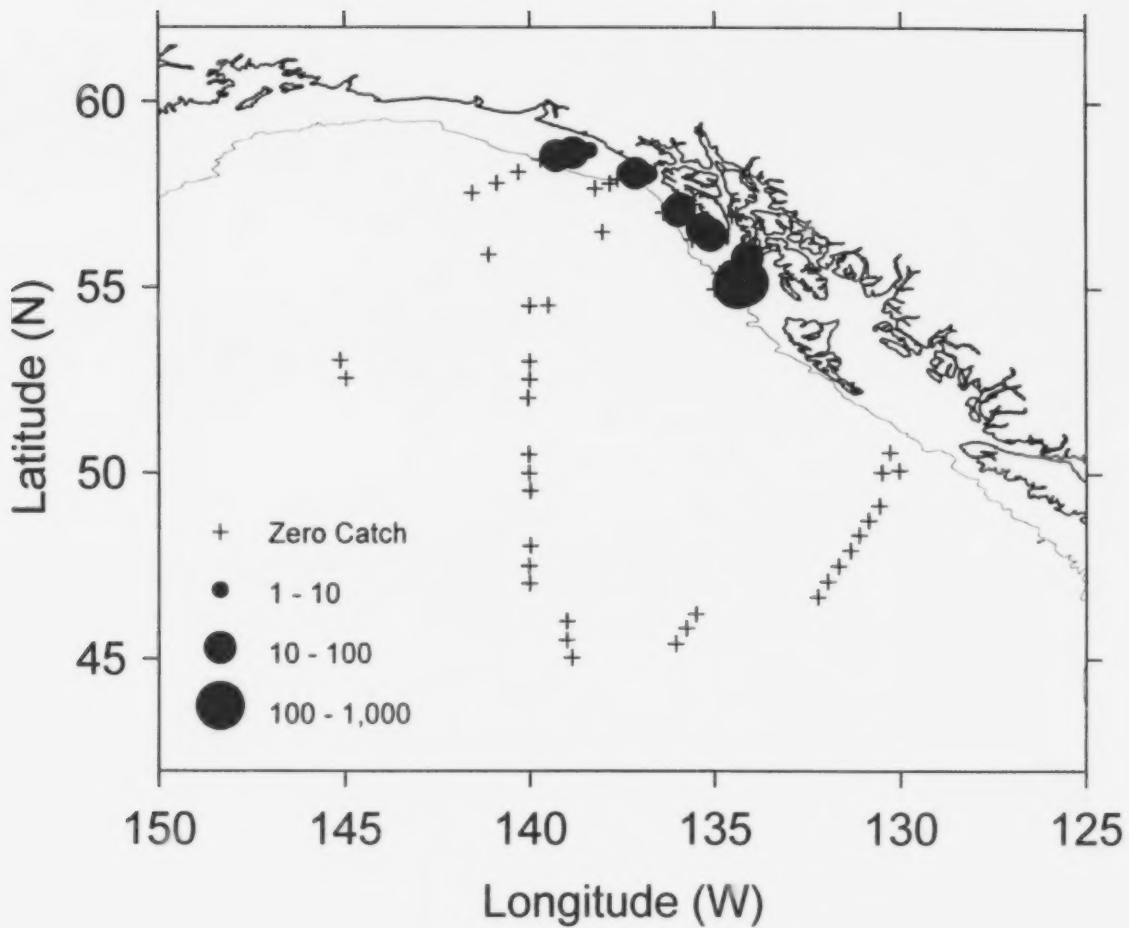


Figure 5. Summary of juvenile chum salmon catches on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995.

F.V. Columbia Survey, Gulf of Alaska
October - November 1995
Adult Chum Salmon Catches

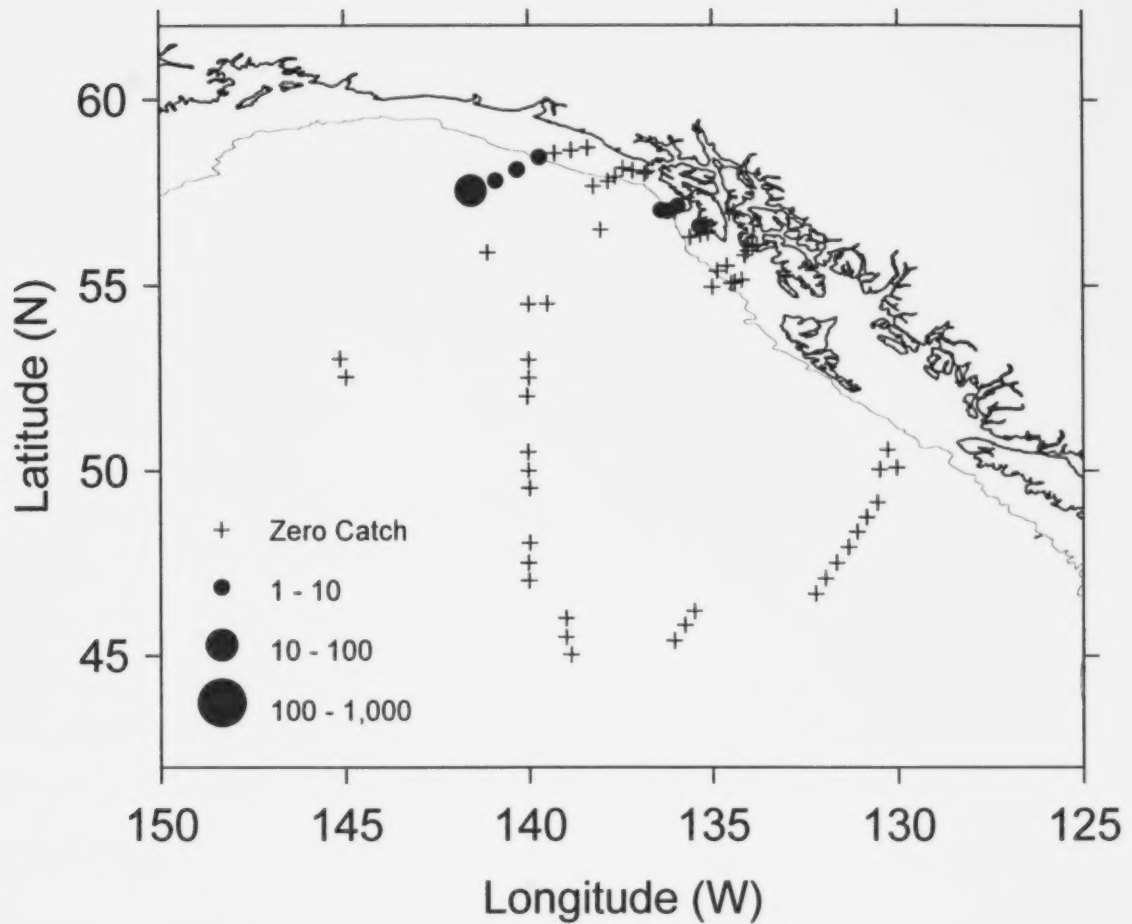


Figure 6. Summary of adult chum salmon catches on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995.

F.V. Columbia Survey, Gulf of Alaska
October - November 1995
Juvenile Coho Salmon Catches

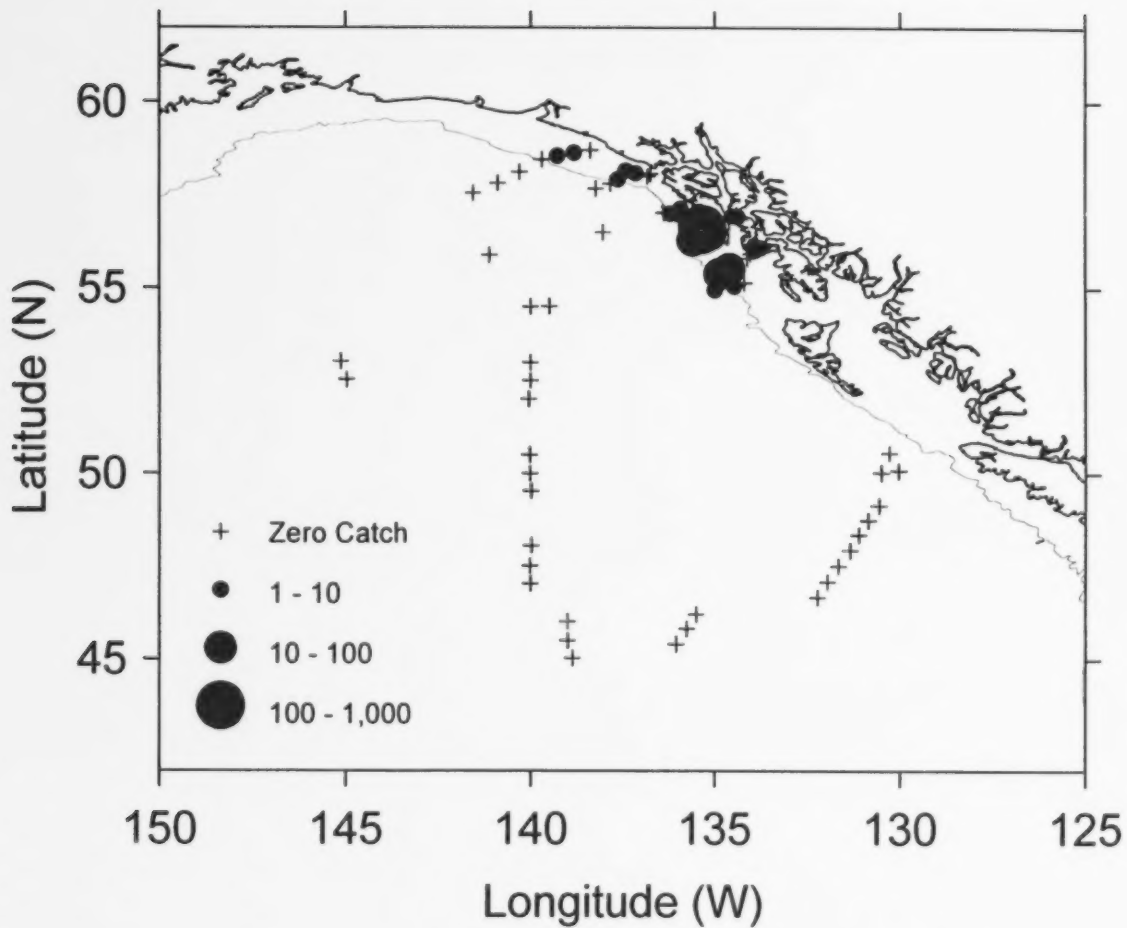


Figure 7. Summary of juvenile coho salmon catches on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995.

F.V. Columbia Survey, Gulf of Alaska
October - November 1995
Juvenile Pink Salmon Catches

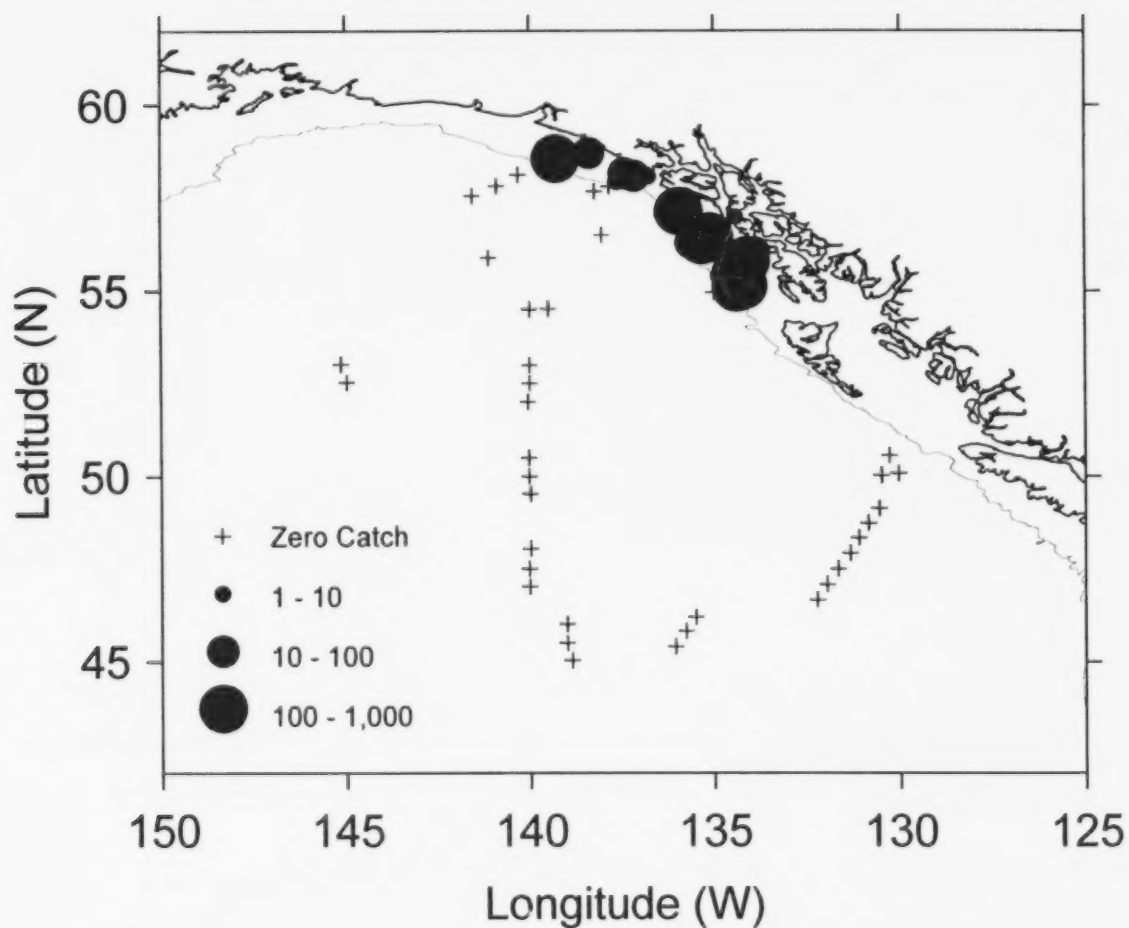


Figure 8. Summary of juvenile pink salmon catches on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995.

F.V. Columbia Survey, Gulf of Alaska
October - November 1995
Juvenile Sockeye Salmon Catches

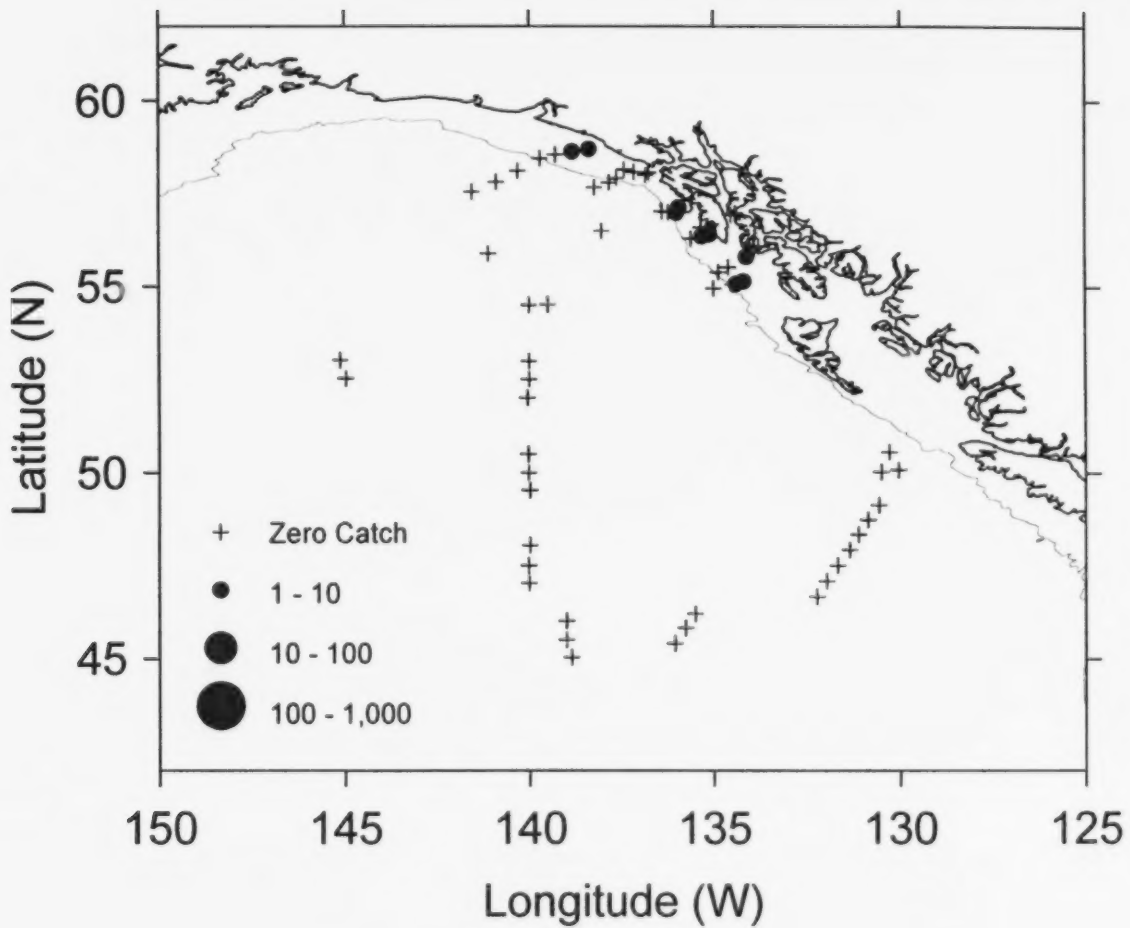


Figure 9. Summary of juvenile sockeye salmon catches on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995.

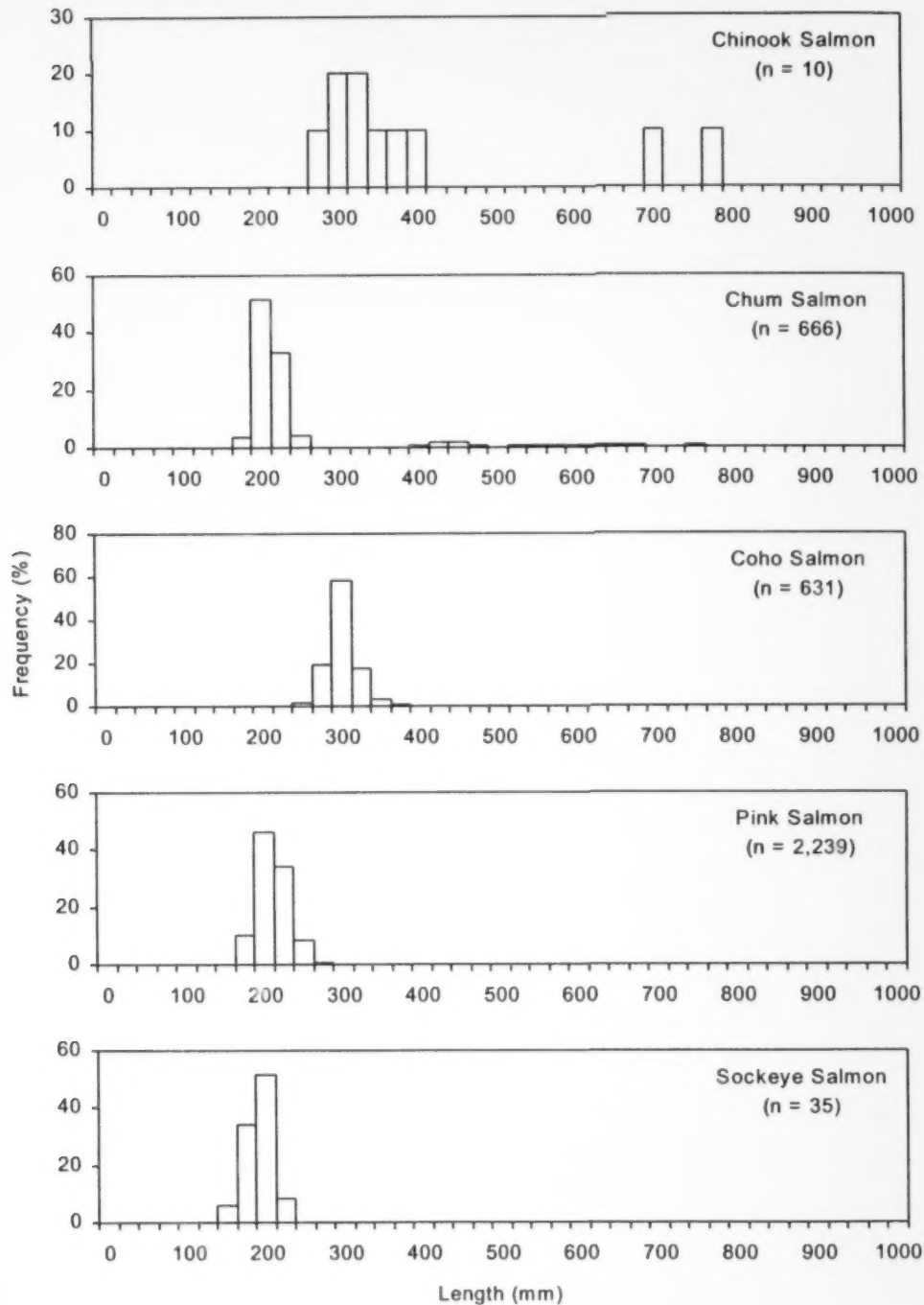


Figure 10. Size distribution of Pacific salmon caught on the F.V. Columbia survey to the Gulf of Alaska, October 7 - November 10, 1995.

